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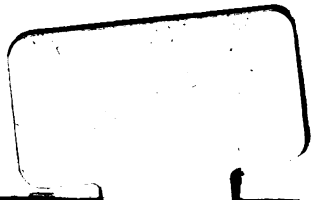

THE

Gentleman's Diary,

OR THE

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An ALMANACK

For the YEAR of our LORD 1774.

BEING

The SECOND after BISSEXTILE, or LEAP-YEAR.

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The golden Zones of Heav'n: to some she gave
To weigh the Moment of eternal Things,
Of Time, and Space, and Fate's unbroken Chain,
And Will's quick Impulse.——— AKENSIDE.

LONDON,

Printed by *W. Bowyer* and *J. Nichols*,

For the Company of STATIONERS.

MDCCLXXIV.

[Price Nine-pence stitch'd.]

CAC

wherein the Numerical Letters, i, ii, iii, &c. shew which Ænigma
and Figures, 1, 2, 3, &c. which Question, each answered; Æ. (
and P. denote the Solution of the Prize-Ænigma, Prize-Question,
Proposing something new; q. p. and r. respectively signify the Expl
nation of the Queries, Paradoxes, and Rebuses; or proposing New One

AMINTA Æ. Mr. Rob. Acon 6 Pr. Æ. in Verse. Mr. Tho. A
cock 1, 2, 4, 5, all Æ. and Treat in V. Prop. 2 p. Mr. Ro
Arnold 8, 9, & P. Mr. W. Brown P. Æ. in V. prop i, ii. Mr. Jam
Carrington all Æ. in V. pr. i. Mr. John Clark 1, 2, 3, both r. &
1 r. Mr. Ben. Claypole Pr. Æ. q. both r and Treat, pr. 2 r. M
John Colledge all Æ. in V, prop. i. Mr. W. Dent 1, 2, 9. Drac
narius 1, 2, 3, 4, 5, 6, 7, 8, 9. Mr. Timothy Dublin, Pr. Æ. M
Tho. Edwins 4, 6. Mr. Tho. Fleacher Pr. Æ. p. both r. & treat.
r. Mr. Pennel Fox all Æ. in V. Mr. Will. Garrard 1, 2, 4, 5, 6,
prop. 1. Gemini 1, 3, 4, 5, 6, all Æ. in Verse, both r. & tr. prop.
Æ. & 1. r. Mr. Hen. Gilbert q. & prop. 1. q. Mr. William Gough
Æ. in V. Mr. John Gould 1, 2, 3. Mr. G. Glosop 4, 6, 9, 10,
P. Mr. Robert Gregory, P. Æ. both r. & prop. 1. r. Mr. Isaac Gu
ley all Æ. in V. both r. Anag. & Tr. & prop. 1 Æ. Mr. Cha. Ha
all Æ. in V, prop. 1. r. Mr. John Harrison 1, 2, 3, 4, 5, 6,
& prop. 1. Quest. Mr. Patrick Hall 4, 6, 8, 9, 10. & prop. 1 Q.
William Hastings most Æ. in V. & Treat. Mr. David Hastings 4,
Mr. Rob. Hartley 1, 2, 5, 6, 9, 10. Mr. Ja. Hartwell all Æ. in
Mr. Will. Hayes 1, 2, 3, 4, 5, 6, 7, 8, 9, 10. both r. & prop. 1 Q. &
Mr. Will. Hedley 1, 2, 5, 8, 9. & P. all Æ. in V. Mr. Will. Hurn
q. Anag. & Tr. & prop. 2 Æ. Mr. Joseph James 1, 2. Mr. W
Johnson all Æ. in V. both r. & prop. 1. r. Mr. William King 1, 2
9, 10. & P. Æ. prop. 1 Q. Mr. John Knowles 1, 2, 3, 4, 5, 6, 9,
Mr. Giles Lacey all Æ. in V. 1. q. & Tr. prop. 1 Æ. Mr. V
Lawrence P. Æ. in V. & both 2. Mr. J. Lean 1, 2, 3, 4, 5, 8, 8, 9,
prop. 2 r. Ledhey, a Northumbrian all Æ. in V, 1 q. & both r.
William Lester 1, 2, 3, 4, 5, 6. Mr. Ra. Lowes 1, 2, 3, 4, 5, 6, 7.
Rob. Marsh all Æ. in V. & p. Mr. John Moore. 1, 2, 3, 4, 5, 6, 7
Mr. Rich. Moyle all Æ. in V. 1. q. 1. p. & both r. & Tr. prop. 2 Æ
& 2. q. Mr. James Muscroft 8, 9, & P. Q. Mr. John Parker 1, 2
all Æ. in V. Mr. Jos. Parr 1, 4, 6, 9. & P. Q. Mr. John Pegg
6, 9, 10. Mr. Stephen Roberts 2, 3, 4, & all Æ. in V. 1 q. both
prop. 1 Quest. Mr. Abram Robertson 1, 3. & P. Q. prop. 2 Quest.
R. Rotheram 4, 5, 6, 9, 10, and P. Q. Mr. Isaac Rowbottom 1,
4, 5, 6, 10, & prop. 2 Quest. Ruth Rustic P. Æ. Mr. Will. Rey
1, 2, 5, 6, 8, 10. Mr. George Sanderson P. Q. Mr. John Skerm
all Æ. in V. Mr. John Shadgett 1, 2, 3, 9. prop. 1 Q. Mr. W. Sp
1, 3, 4, 6, 8, 9, 10. Mr. Will. Stanley 1, 2, 4, 9. Mr. J. N. St
1, 2, 4, 5, & P. Mr. Isaac Tatratt 1, 2, 3, 5, 6, and prop. 1 Æ.
George Taylor 1, 2, 3, 4, 9, 10. Mr. Tho. Thorp all Æ. 1. r. & Tr.
& P. Traveller all Æ. in V. Rev. Mr. Tho. Vaughan all Æ. & both
V. prop. 2 Ænig. Mr. Richard Ward all Æ. in V. and prop.
Mr. Ezekiel Walker 1, 2, 3, 4, 5, 6, 7, 8. Mr. Robert Webber
Mr. [illegible] Williams 1, 4, 5, 6. Mr. Benjamin Weft all
Mr. Stephen Williams 1, 2, 3, 4, 5, 6, 7, 8, 9. Mr. W
Wyld all Æ. in V. and prop. 1 Ænig. Mr. James Young 1, 2, 3,
6, 7, 8, 9, 10.

To each of whom the EDITOR returns his most grateful Acknow
ments; requesting the Continuance of their Favours, &c.

1696

JANUARY hath xxxi Days.

Last Quarter	the 5th	Day at	45 min. past 5 at Night.
New Moon	the 12th		48 min. p. 8 Morning.
First Quarter	the 19th		3 in the Afternoon.
Full Moon	the 22d		42 min. past 6 at Night.

M D	☉ Der South
1	23° 1
6	22 2
11	21 4
16	20 5
21	19 5
26	18

21	1	S	Circumcision, or New Year's Day	A	42	2 M	21
22	2	B	2d Sunday after Christmas.	8	48	3	7
23	3	M	The *Weather* is like to be *Merry* with	9	53	3	53
24	4	Tu	those whose Hearts are merry.	11	8	4	40
25	5	W	Old Christmas Day.	Morn.		5	30
26	6	Th	Epiph. CHRIST's ✱ app. to Gent.	0	24	6	20
27	7	F	*Salisbury*, Wiltshire.	1	40	7	11
28	8	S	Lucian, Priest, and Mart.	2	58	8	5
29	9	B	1 Sunday after Epiphany.	4	13	9	3
30	10	M	*Canterbury*.	5	24	10	4
31	11	Tu	Day 8 hours 10 m. long.	6	30	11	5
1	12	W	Old New Year's Day.	☽ Sets		0 A	4
2	13	Th	Hilary, Bish. & Con. *Preston*, Lanc.	6 A	0	1	3
3	14	F	*Nottingham*.	7	25	1	58
4	15	S	*Barston*, Yorksh.	8	41	2	48
5	16	B	2 Sunday after Epiphany	9	50	3	37
6	17	M	*Hickford*, Lanc.	11	8	4	24
7	18	Tu	Q. CHAR. Birth-day kept.	Morn		5	8
8	19	W	Day 8 hours and an half long.	0	6	5	54
9	20	Th	In 8 Days of St. Hilary. 1 Return.	1	8	6	36
10	21	F	Agnes, Virgin & Mart. *Bristol*.	2	12	7	21
11	22	S	Vinc. Span. Deac. *Derby*.	3	15	8	7
12	23	B	3 Sunday after Epiphany.	4	10	8	54
13	24	M	Term begins.	5	6	9	42
14	25	Tu	Conversion of St. Paul.	5	54	10	30
15	26	W	Days increased 1 h. 8 min.	6	37	11	18
16	27	Th	Pr. AUG. Fr. b. From the Day of St.	☽ Rises		Morn.	
17	28	F	Days 8h 54 min. [Hil. in 15 D.	5	24	0	6
18	29	S	*Grampound*, Cornwall.	6	40	0	51
19	30	B	Sept. Sund. K. CHAR. I. Mart. at	7	48	1	44
20	31	M	*Whitehall*, 12 min. past 1. 1649.	8	5	2	3

M D	☉ Rises	☉ Sets	♄ Sth.	♃ Sets.	♂ Sets.	♀ Sets	☽ Sets	Chaos.
1	8 4	3 56	4 M 58	11 N 17	4 N 14	8 N 9	5 59	4 15
6	8 0	4 0	4 36	11 0	4 12	8 16	5 57	6 31
11	7 55	4 5	4 14	10 43	4 10	8 23	5 53	8 3[illegible]
16	7 50	4 10	3 52	10 27	4 8	8 30	5 49	10 2[illegible]
21	7 43	4 17	3 30	10 14	4 5	8 36	5 44	11 5[illegible]
26	7 36	4 25	3 9	9 52	4 [illegible]	8 44	5 38	13 [illegible]

ast Quarter the 4th	Day at 3 in the Morning.	1	17 1
ew Moon the 10th	half past 8 at Night.	6	15 32
ift Quarter the 18th	Noon.	11	13 56
ull Moon the 26th	half past 10 Forenoon.	16	12 14
		21	10 27
		26	8 36

☽	N	W	Sundays; Holy and remark. Days;	☽ Rises	Moon
☉	S	D	Length, &c. of Days Terms, Fairs,	& Sets	South
1	1	Tu	Days increased 1 hour 28 min.	10 A 12	3 M 18
2	2	W			
3	3	Th	Purif. B. V. M. Candlemas-Day.	11 24	4 8
4	4	F	On the mor. of the Purif. Blasius, B	Morn.	5 0
5	5	S	*Axbridge*. *Bath*, *Bootesfold*, Lanc.	0 40	5 52
6	6		Old S. Paul. *Bodmin*, C. *Gravesend*, K.	1 51	6 47
		B	Sexagesima Sunday.	3 3	7 44
7	7	M	Day 9 hours and an half long.	4 10	8 43
8	8	Tu	*Nantwich*, Chesh. *Stamford*, Linc.	5 7	9 42
9	9	W	In 8 Days of the Purif. B. V. M.	5 58	10 40
10	10	Th	Days increased 2 hours.	☽ Sets.	11 36
11	11	F	*Llandyssel*, Monm.	6 A 7	Aftern.
	12	S	Term Ends.	7 19	1 20
12	13		Quinquag. Shr. Sund. Old Cand. Day	8 30	2 9
13	14	M	Valentine, Bish.	9 42	2 56
14	15	Tu	*Bloise*, Cornw. *Box-Grove*, Shropsh.	10 47	3 42
15	16	W	Ash-Wednesday, 1st day of Lent.	11 53	4 27
16	17	Th	Day 10 hours and 6 min. long.	Morn.	5 12
17	18	F	*Nun-Eaton*, Warwickshire.	0 56	5 58
18	19	S	*Beverley*, Yorksh.	1 52	6 46
19	20		1 Sunday in Lent.	2 50	7 31
20	21	M	*Norton*, Oxfordshire.	3 44	8 20
21	22	Tu	*Godalming*, Surry.	4 28	9 10
22	23	W	Ember Week. (*Fast.*)	5 8	9 58
23	24	Th	St. Matthias.	5 42	10 47
24	25	F	*Feversham*, Kent. *Llanfechel*, Angles.	6 14	11 36
25	26	S	*Oundle*, Northamptonshire.	☽ rises.	Morn.
26	27		2 Sunday in Lent.	6 A 44	0 25
27	28	M	*Chesterfield*, Derbyshire.	8 4	1 15

☽	☉ Rises	☉ Sets	♄ Sth.	☿ Sets	♂ Rises	♀ Sets	D Break	Cl. bef ☉
1	7 26	4 35	2 M 41	9 N 25	7 M 37	8 N 56	5 30	14 11
6	7 26	4 44	2 23	9 22	7 28	8 52	5 22	14 38
11	7 8	4 53	2 2	9 9	7 16	8 48	5 14	14 46
16	6 59	5 2	1 40	8 56	7 5	8 44	5 6	14 36
21	6 49	5 12	1 18	8 43	6 55	8 40	4 57	14 5
26	6 39	5 22	1 1	8 28	6 41	8 37	4 48	13 19

MARCH hath xxxi Days.

| | | |

APRIL hath xxx Days.

				D	North
				1	4° 39
Last Quarter the 3d	Day at	5 in the Afternoon.		6	6 33
New Moon the 11th		a Quarter past Midnight.		11	8 25
First Quarter the 19th		10 m. past 3 in the Morn.		16	10 13
Full Moon the 6th		half past 9 Forenoon.		21	11 57
				26	13 36

21	1	F	**Good Friday,** *Coventry* City.	Morn.	3 M 4
22	2	S	*Salisbury,* Wilts. *Lutterworth,* Leic.	0 11	4 44
23	3	B	Easter-Day, or Saviour's Res.	1 14	5 40
24	4	M	Easter Monday.	2 8	6 38
25	5	Tu	**Easter Tuesday.** Old Lady Day.	2 48	7 34
26	6	W	*Epping, Rochford,* Essex.	3 25	8 27
27	7	Th	*Atherston,* Warwicksh.	3 54	9 18
28	8	F	☉ due E. 23 m. past 6. Alt. then 9° 23′	4 19	10 6
29	9	S	☉ Rising Amplitude 13° 8′	4 50	10 54
30	10	B	**1 Sunday after Easter.** Low-Sund.	5 14	11 40
31	11	M	*Newport Pagnal,* Bucks.	☽ Sets.	Aftern.
1	12	Tu	*Haltwhistle,* Nor. *Hickfield,* Hamp.	8 A 36	1 12
2	13	W	*Ashburn,* Derb. *Budworth,* Chesh.	9 37	1 58
3	14	Th	Days increased 6 h. and 4 min.	10 36	2 45
4	15	F	*Bewley,* Hampshire.	11 31	3 32
5	16	S	Day 13 h. 54 min. long.	Morn.	4 20
6	17	B	**2 Sunday after Easter.**	0 21	5 8
7	18	M	*Derby.* Fr. the Day of Eas. in 15 D.	1 7	5 55
8	19	Tu	Alphege, Archb Cant. *Cobham,* Surr	1 43	6 44
9	20	W	**Term begins.** *Cank,* Staff.	2 16	7 32
10	21	Th	*Fenchamstead,* Berk. *Modbury,* Dev.	2 47	8 20
11	22	F	*Gisborough,* Yorksh. *Shrewsbury,* Sh.	3 13	9 9
12	23	S	**St. George.** *Northampton. Southam.*	3 39	9 58
13	24	B	**3 Sunday after Easter.**	4 4	10 50
14	25	M	**St. Mark.** In 3 weeks from Easter.	4 32	11 43
15	26	Tu	Day 14 h. and 32 min. long.	☽ Rises	Morn.
16	27	W	*Boroughbridge,* York. *East-Grinstead*	9 A 0	0 39
17	28	Th	*Soham,* Cambridgeshire.	10 8	1 37
18	29	F	*Market-Harbro',* Leic. *Solyhull,* W.	11 18	2 38
19	30	S	Days increased 7 hours.	Morn.	3 40

M D	☉ Rises	☉ Sets	♄ Sth.	♃ Sets	♂ Rises	♀ Rises	D Break	Cl. bef. ☉
1	5 33	6 28	10 N 48	7 M 9	5 M 19	4 M 55	3 33	3′ 59′
6	5 23	6 38	10 27	6 58	5 7	4 22	3 20	2 30
11	5 13	6 48	10 6	6 47	4 55	4 9	3 6	1 3
16	5 4	6 57	9 46	6 36	4 42	3 56	2 54	0 A 16
21	4 54	7 7	9 27	6 25	4 27	3 43	2 40	1 23
26	4 45	7 16	9 10	6 12	4 16	3 30	2 33	2 22

MAY hath xxxi Days.

											M D	☉ Dec. North
											1	15 8 10
Last Quarter the 2d											6	16 37
New Moon the 10th				Day at							11	17 57
First Quarter the 18th											16	19 0
Full Moon the 25th											21	20 15
											26	23 11

20	1	B	4 Sun. aft. Easter. St. PHILIP & JAC.	0 M	15	4 M	4
21	2	M	From the Day of Easter in 1 month.	1	0	5	3
22	3	Tu	Invention of the Cross.	1	38	6	3
23	4	W	*Boston*, Linc. *Chesters*. D. *Tamworth*.	2	11	7	2
24	5	Th	*Louth*, L. *Monmouth*. *Stockunder*, Pem.	2	38	8	1
25	6	F	Old St. Mark *Kendal*, W. *Uttoxeter*, S	3	4	8	5
16	7	S	*Bath* C. *Dunmow*, Essex. *Leek*, Staff.	3	28	9	4
27	8	B	5 Sun. after Easter. Rogation Sun.	3	50	10	2
28	9	M	From the Day of Easter in 5 weeks.	4	14	11	1
29	10	Tu	*Higham-Ferrers*, Northamptonshire.	☽ Sets.		11	5
30	11	W	Rogation Week.	8 A	30	Aftern	
M	12	Th	Holy Thursday. Old May Day.	9	25	1	3
2	13	F	On the Morrow of the Ascension.	10	20	2	2
3	14	S	*Newark* on Tr. *Denbigh*. *Wells*, City.	11	5	3	
4	15	B	6 Sunday after Easter.	11	42	3	5
5	16	M	Term Ends. *Ashford*, Kent.	Morn.		4	4
6	17	Tu	*Brentford*, Midd. *Holbeach*, Linc.	0	19	5	1
7	18	W	*Hatesbury*, Bucks.	0	50	6	1
8	19	Th	Q. CHARLOTTE born, 1744.	1	18	7	
9	20	F	*Galgarth*, Breckn. *Wickham*, Hants.	1	42	7	4
10	21	S	*Ashburn*, Derby.	2	6	8	3
11	22	B	Whit-Sunday. Prs. ELIZABETH b.	2	28	9	3
12	23	M	Whit-Monday. [1770	2	56	10	2
13	24	Tu	Whit-Tuesday.	3	27	11	2
14	25	W	Ember Week.	☽ Rises		Morn	
15	26	Th	Augustine, first Archb. Cant.	9 A	0	0	2
16	27	F	Venerable Bede, Pr.	10	5	1	2
17	28	S	*Bala*, Merioneth. *Hadstock*, Devonsh.	11	0	2	2
18	29	B	Trinity Sunday. K. CH. II. B. & Ret	11	41	3	2
19	30	M	*Rochester*, K. *Worksop*, N. on M. H. T.	Morn.		4	2
20	31	Tu	Days increased 8 hours and half.	0	15	5	1

MD	☉ Rises		☉ Sets		♄ Sth.		♃ Rises.		♂ Rises		♀ Rises		D Breast		Cl. aft.	
1	4	36	7	25	8 N	50	4 M	15	4 M	1	3 M	18	2	6	3	8
6	4	28	7	33	8	30	4	0	3	49	3	9	1	48	3	4
11	4	20	7	41	8	9	3	40	3	36	3	0	1	28	3	5
16	4	12	7	48	7	51	3	23	3	24	2	50	1	5	4	
21	4	5	7	55	7	30	3	5	3	11	2	40	0 N	32	3	5
26	3	59	8	1	7	11	2	48	2	58	2	28	No light.		3	2

JUNE hath xxx Days.

			M D	☉ Decl. North
ſt Quarter the 1ſt	Day at	15 m. paſt 8 in the Morn.	1	22° 7
w Moon the 9th		16 min. paſt 6 Morning.	6	22 42
rſt Quarter the 17th		18 min. paſt 7 Morning.	11	23 8
ll Moon the 23d		Midnight.	16	23 24
ſt Quarter the 30th		7 in the Evening.	21	23 29
			26	23 24

1	W	Nicom. Rom. Pr. & M. *Ruthin*, Denb.	0 M 45	6 M 7
2	Th	*Daventry*, Northamptonſhire.	1 10	6 54
3	F	Term begins. *Harſley-Green*, Lanc.	1 3	7 40
4	S	King GEORGE III. born, 1738.	1 18	8 26
5	B	1 S. aft. Trin. P. ERN. AUG. b. 1771	2 20	9 10
6	M	In 8 days of the H. *Trinity*. *Belton*, L.	2 45	9 56
7	Tu	*Montgomery*. *Stow* in *Guillam*, Suſſ.	3 15	10 40
8	W	St. *Germains*, Cornwall.	3 46	11 27
9	Th	*Hadderfield*, Suſſex.	☽ Sets	Aftern:
10	F	Prs. AMELIA born, 1711.	8 A 55	1 0
11	S	St. BARNABAS, Ap. & M.	9 40	1 47
12	B	2 Sunday after Trinity.	10 17	2 34
13	M	From the D. of H Trinity in 15 Days	10 48	3 22
14	Tu	*Bangor*, Cornwall.	1 17	4 8
15	W	*Ryſton*, Somerſetſhire.	11 42	4 52
16	Th	*Wrexham*, Denb. *Milborn Port*, Som.	Morn	5 38
17	F	St Alban, Mart. *St. Albans*, Herts.	0 1	6 24
18	S	*Ingleton*, Yorkſh. *Wiggan*, Lanc.	0 28	7 15
19	B	3 Sunday after Trinity.	0 5	8 4
20	M	Edw. K of Weſt Sax. In 3 w. of H. T	1 21	8 58
21	Tu	*Highbeach*, Eſſ. *Llanwrſt*, Denb.	1 54	9 56
22	W	Term Ends. *Borroughbridge*, Yorkſ.	2 31	10 58
23	Th	*Armington*, Devonſhire. (*Faſt*	3 10	Morn
24	F	Nativ. of St. JOHN the Bapt Midſum.	☽ Riſe	0 2
25	S	Now the Days are begin. to ſhorten.	9 A 29	1 2
26	B	4 Sunday after Trinity.	10 9	2 3
27	M	*Boſton*, Linc. *Burton upon Trent*, Staff.	10 42	3 0
28	Tu	*Bala*, Merion. *Higham Ferrers*, Nort.	11 12	3 54
29	W	St. PETER Ap. and Mar.	11 3[illegible]	4 44
30	Th	*Bridgenorth*, Shro. *Thwate-Pariſh*, S.	Morn	5 32

☉ Riſes	☉ Set	♄ Sets	♃ Riſes	♂ Riſes	♀ Riſe		Cl. aft. ☉
3 53	8 7	1 M 21	2 M 26	2 M 41	2 M 16	No real	2′ 43″
3 48	8 12	1 1	2 8	2 31	2 7	night;	1 54
3 46	8 14	0 41	1 40	2 20	1 58	but all	0 57
3 45	8 15	0 21	1 36	2 10	1 49	Twi-	0 bef. 4
3 43	8 17	0 1	1 12	2 0	1 40	light.	1 6
3 44	8 16	11 N 41	0 52	1 42	1 21		2 2

JULY hath xxxi Days.

New Moon	the 8th	Day at	15 min. past 9 at Night.		
First Quarter	the 16th		Half past 4 Afternoon.		
Full Moon	the 23d		39 min. past 6 Morning.		
Last Quarter	the 30th		12 m. past 8 Forenoon.		

M. D.	☉ Dec. North
1	23° 9
6	22 4
11	22
16	21 2
21	20 3
26	19 2

20	1	F	*Thorney-Abby*, Ely. *Worksop*, Nott	0 M	2	6 M	1
21	2	S	Visit. of the B. V. Mary. *Brecknock*	0	22	7	
22	3	B	5 Sun. after Trin. [5 Days.	0	54	7	4
23	4	M	Transl. of S. Mart. B. *Chesterfield*, De,	1	18	8	3
24	5	Tu	Old Midf. Day. *Leicester*, *Gl.uc*	1	44	9	2
25	6	W	*Lancaster*, *Liverpool*, *Winborn*, Dorset	2	14	0	
26	7	Th	Tho. à Becket *Chipping Norton*, Oxf	2	55	10	5
27	8	F	*Folkstone*, Kent, *Machynleth*, Mont	☽ Sets.		11	3
28	9	S	*Bromley*, Devonshire.	8 A	15	0 A	2
29	10	B	6 Sunday aft. Trinity. Old St. Peter.	8	50	1	1
30	11	M	*Peterborough*,, Nor. *Mt sorrel*, Leic.	9	14	2	
	12	Tu	*Canterbury*, Kent *Carshalton*, Surrey.	9	43	2	4
2	13	W	*Huntingdon*. *Woburn*, Bedf.	10	6	3	3
3	14	Th	Days decreased 26 min.	10	30	4	1
4	15	F	Swithun, B. of W. *Porkdown*, Hants.	10	55	5	
5	16	S	*Polstead*, Suff. *Winchester*, Hampsh.	11	22	5	3
6	17	B	7 Sunday after Trinity.	11	47	6	4
7	18	M	*Denbigh*, Exeter, *Semyn*, Cornw.	Morn.		7	3
8	19	Tu	*Kenninghall*, Norfolk.	0	2	8	3
9	20	W	Marg. V St. *Margarett* Kent.	1	8	9	3
10	21	Th	*Alfreton*, Derb. *Foulness* K. *Swaffham*	1	59	10	3
11	22	F	Q. of DENMARK b. 1751.	2	58	11	3
12	23	S	*Daventry*, N. *Matensley green*, Ham.	☽ Rises		Morn	
13	24	B	8 Sunday after Trinity. [*ing*, B	8 A	35	0	3
14	25	M	St. JAMES, Ap. *Derby*, *Bristol*, *Read-*	9	5	1	3
15	26	Tu	St. Anne, *Bedwin*, W. *Tamworth*, S	9	3	2	3
16	27	W	*Headon*, Y. *Milson*, W. *Portsdown*, H.	9	56	3	2
17	28	Th	*Wincomb*, Glou. *Milliner*, Cornw.	10	2	4	
18	29	F	Days 15 hours and half long.	10	43	4	5
19	30	S	Dog Days begin. *Linton*, Camb.	11	10	5	4
20	31	B	9 Sunday after Trinity.	11	28	6	2

M D	☉ Rises		☉ Sets		♄ Sets		♃ Rises		♂ Rises		♀ Rises		D. brea.		Cr. bet ☉	
1	3	46	8	14	11 N	18	0 M	32	1 M	27	1 M	18	N		3	13
6	3	49	8	11	10	58	0	14	1	19	1	16	Night		4	7
11	3	54	8	6	10	39	11 N	58	1	[illegible]	1	15	but		4	52
16	3	58	8	1	10	18	11	40	0	54	1	1	Twi-		5	28
21	4	4	7	56	9	57	11	20	0	51	1	8	light.		5	49
26	4	10	7	50	9	40	11	1	0	4	1	4	0	17	5	57

AUGUST hath xxxi Days.

New Moon the 7th
First Quarter the 14th
Full Moon the 21st
Last Quarter the 28th

Dy. at { Noon. / Half past 11 at Night. / 4 min. b. f. 3 Afternoon. / A Quart. past 12 Night.

M D	☉ Decli. North
1	18° 2
6	16 42
11	15 16
16	13 44
21	12 6
26	10 27

21	1	W	Lammas-Day. *Bath* C. *Loughbro'* L.	Morn.	7	M13
22	2	Th	*Goudhurſt*, Kent. *Wincheſter* City.	0 11	8	9
23	3	W	*Auburn*, Wilts. *Daventry*, North.	0 50	8	48
24	4	Th	*Ravenglaſs*, Cumb. *Thuſk*, Yorkſh	1 32	9	34
25	5	F	Old St. James. *Boſton*, L. *Doncaſter*, Y.	2 22	10	21
26	6	S	Transfig. of our Lord. *Paddington*, M.	3 17	11	10
27	7	B	10 Sunday after Trinity.	☽ Sets	Aftern.	
28	8	M	*Furſut*, Cornw. *Ruthin*, Den.	7 A48	0	44
29	9	Tu	*Llanwrſt*, Denb. *Shirkin*, Midd.	8 20	1	30
30	10	W	St. Laur. Arch. D. of R. and M.	8 40	2	18
31	11	Th	Prs BRUN. b. 1737. *Aberfraw*, Angl	9 2	3	4
A	12	F	Pr. of WALES b. 1762. Old Lamas.	9 27	3	50
2	13	S	*Cank*, Staf. *Dunſtable*, B. *Exeter*, Dev.	9 56	4	41
3	14	B	11 Sunday after Trinity.	10 29	5	34
4	15	M	*Northampton*.	11 8	6	28
5	16	Tu	Bp. of OSNABURGH b. 1763.	11 53	7	25
6	17	W	*Bardney*, Hampſh.	Morn.	8	25
7	18	Th	Days decreaſed 2 hours 10 min.	0 48	9	24
8	19	F	*Dartington*, Devonſhire.	1 56	10	25
9	20	S	Day 14 hours and a quarter long.	3 9	11	24
10	21	B	12 Sund. aft. Tri. P. W. HEN. b. 1765	☽ Riſes	Morn.	
11	22	M	*Brachnall*, Berks. *Penkridge*, Staff.	7 30	0	19
12	23	Tu	*Belford*, Northum. *Dinton*, Oxf. (*Faſt*	7 55	1	12
13	24	W	St. BARTHOLOMEW, Ap. & M.	8 20	2	3
14	25	Th	*Milverton*, Som. *Llanerchemith*, Ang.	8 48	2	50
15	26	F	*Giſbro'*, Y. *Huntingdon*. *Hinkley*, Leic.	9 12	3	40
16	27	S	*Coventry*, War. *Ripley*, Yorkſhire.	9 42	4	26
17	28	B	13 Sunday after Trinity.	10 12	5	14
18	29	M	Beheading of *John Baptiſt*.	10 47	6	0
19	30	Tu	Day 13 hours 40 min. long.	11 30	6	48
20	31	W	Now decreaſed 2 h. 58 m.	Morn.	7	34

M D	☉ Riſes	☉ Sets	♄ Sets.	☿ Riſes	♂ Riſes	♀ Riſes	D Break	Cl. beſ. ☉
1	4 19	7 41	9 N17	10 N39	0 M34	1 M10	1 23	5 49"
6	4 27	7 32	9 7	10 20	0 29	1 18	2 44	5 29
11	4 35	7 24	8 47	10 2	0 24	1 25	2 1	4 44
16	4 44	7 15	8 27	9 45	0 19	1 34	2 10	3 52
21	4 53	7 6	8 7	9 28	0 14	1 41	2 35	2 44
26	5 2	6 57	7 46	9 11	0 12	1 49	2 50	1 27

SEPTEMBER hath xxx Days.

M D	☉ De Nor
1	8°
6	6
11	4
16	2
21	0
26	1So

New Moon the 6th
First Quarter the 13th
Full Moon the 20th
Last Quarter the 27th
} Day at { 2 in the Morning. Half past 5 Afternoon. 12 min. past 1 Morning 7 at Night.

				☽ Rises	☽ Sets	♄ Sets	♅ Sth.	♂ Rises	♀ Rises	Dureak	Cl aft.
21		Th	Giles, Abbot & Conf. *Northmoor*, W.	0M19	8M.						
22	2	F	**London bur. 1665, O.S.** *Richmond.*	1 10	9						
23	3	S	*Brecknock*, 6 Days. *Bridgestock*, Dev.	2 15	9						
24	4	B	**14 Sunday after Trinity.**	3 15	10						
25	5	M	*Ashby-de-la-Zouch*, L. *Chipping-N.O.*	4 20	11						
26	6	Tu	*Folkingham*, Lincolnshire	☽ Sets	After						
27	7	W	**Dog Days End,** *Snaith*, Yksh.	7A 18	1						
28	8	Th	Nativ of B.V M *Wirksworth*, Derb	7 44	1						
29	9	F	*Atherstone*, War. *Gisborough*, Yorksh.	8 10	2						
30	10	S	Days 12 hours 56 min. long.	8 43	3						
31	11	B	**15 Sunday after Trinity.**	9 18	4						
S	12	M	*Whitehaven*, Cumb. *Wilton*, Wilts.	10 0	5						
2	13	Tu	*Brentford*, M. *Dilton-Marsh*, Wilts.	10 48	6						
3	14	W	Holy Cross Day.	11 50	7						
4	15	Th	Day decreas'd 3 hours 58 min.	Morn.	8						
5	16	F	*Lutterworth*, Leic. *Newcastle*, Staff.	0 58	9						
6	17	S	Lambert, B. and M *Llanwrst*, Denb.	2 10	10						
7	18	B	**16 Sunday after Trinity.**	3 34	11						
8	19	M	*Waltham*, Leic. *Abingdon*, Berks.	4 52	Mor						
9	20	Tu	*Manchester*, Lanc. *Southwark*, (*Fast*	☽ Rises	0						
10	21	W	**St. Matthew, Ember Week.**	6A 51	0						
11	22	Th	**Equal Day and Night K.G. III. & Q.**	7 19	1						
12	23	F	*Halkin*, W. *Paincastle*, Rad. [Ch. Cr.	7 46	2						
13	24	S	*Chesthunt*, Hertf. *Lledwesn*, Glam.	8 18	3						
14	25	B	**17 Sunday after Trinity.**	8 52	4						
15	26	M	S. Cyprian, Archb of Carth. & M.	9 31	4						
16	27	Tu	*Clapham*, Yorksh. *Northall*, Midd.	10 16	5						
17	28	W	*Gloucester. Tuxford*, Nott.	11 8	6						
18	29	Th	**St. Mic. Archang. Prs. Royal bo**	Morn.	7						
19	30	F	S. Jer. Pr. Conf. & Doct. *Wrexham.*	0 7	8						

M D	☉ Rises	☉ Sets	♄ Sets	♅ Sth.	♂ Rises	♀ Rises	Dureak	Cl aft.
1	5 14	6 45	7 N26	4M10	0M10	2 M 8	3 7	0 1
6	5 23	6 36	7 8	3 51	0 8	2 2	3 21	1 5
11	5 33	6 26	6 51	3 34	0 7	2 41	3 34	3 3
16	5 43	6 16	6 33	3 20	0 6	2 57	3 44	5 2
21	5 53	6 6	6 16	3 0	0 5	3 12	3 56	7
26	6 3	5 56	6 0	2 40	0 2	3 31	4 7	8 4

OCTOBER hath xxxi Days.

M D	☉ Decl. South.
1	3 16′
6	5 12
14	7 7
16	8 59
21	10 48
26	12 33

New Moon the 5th
1st Quarter the 12th
Full Moon the 19th
Last Quarter the 27th
} Day at { 1 in the aftern. 11 forenoon. 24 min. past 2 aftern. 3 afternoon.

			☽ M	♂ M
1	☽	Remigius, B of Rhemes. *Rathin*, D.	1 10	8 46
2	B	18 Sunday aft. Trinity. O. S. MAT.	2 15	9 34
3	M	*Nottingham*, 8 days, for Cheese, &c.	3 21	10 20
4	Tu	*Penkridge*, Staffordsh.	4 32	11 10
5	W	*Hanwilling*, Montg. *Lamport*, 30m.	☽ Sets	11 58
6	Th	Faith, V. & M. *Hull*, Yorkshire.	6 A 32	Aftern.
7	F	*Billerica*, Essex.	6 55	1 41
8	S	*Abingdon*, Ber. *Challock*, K. *Swansey*.	7 3	2 35
9		19 Sunday aft. Trinity.	8 11	3 31
10	M	Old Michaelmas D. *Leicester. Lancast.*	8 58	4 29
11	Tu	*Newport Pagnel*, Bucks, *St. Albans*.	9 58	5 28
12	W	*Banbury*, Oxf. *Castor*, Lin. *Sandwich*.	11 2	6 26
13	Th	Transl. of K. Ed. Conf. *Salisbury*.	Morn.	7 22
14	F	*Buttonmoor*, Shrop. *Worksop*, Nott.	0 16	8 16
15	S	*Tasley*, Warwickshire.	1 28	9 10
16	B	20 Sunday aft. Trinity.	2 42	10 0
17	M	Etheldred, V. *Lynn*, N. *Rochford*, Ess.	3 0	10 48
18	Tu	St. LUKE Evang.	5 13	11 37
19	W	*Market-Harbro'*, Leic. *Oxford*, *Yarme*	☽ Rises	Morn.
20	Th	*Ashborn*, Derb: *Blythe*, Not. *Hereford*.	5 A 51	0 24
21	F	*Banbury*, Oxfordshire.	6 20	1 12
22	S	*Galgarth*, Breck. *Potton*, B. *Wells* City	6 52	2 0
23	B	21 Sunday after Trinity.	7 30	2 48
24	M	*Gainsborough*, Linc. *Stockport*, Chesh.	8 11	3 36
25	Tu	K. G. III. Inaug. 1760. *Crispin*, M.	9 0	4 24
26	W	K. GEO. III. Procl. 1760.	9 56	5 12
27	Th	*Affington*, Dev. *Cargurley*, Flint. (*East.*	10 53	5 58
28	F	St. SIMON & St. JUDE. *Warwick*,	11 56	6 45
29	S	O. St. Luke, *Burton Trent*. *Newcastle*	Morn.	7 32
30	B	22 Sunday after Trinity. *on Tyne*.	1 8	8 17
31	M	*Bridgnorth*. Shrop. *Devizes* (*East.*	2 14	9 5

☉ Rises	☉ sets	☽ Rises	♃ South	♂ Rises	♀ Rises	D. break	Cl. aft. ☉
6 12	5 47	5 M 22	2 M 10	11 N 57	3 M 48	4 18	10′ 26″
6 22	5 37	5 6	1 59	11 55	4 4	4 29	11 55
6 32	5 27	4 51	1 38	11 52	4 20	4 39	13 24
6 42	5 17	4 36	1 17	11 50	4 36	4 49	14 24
6 51	5 8	4 20	0 56	1 46	4 52	4 59	15 19
7 1	4 58	4 8	0 35	11 42	5 8	5 9	15 54

A TABLE of all the KINGS and QUEENS of *England*, since the Conquest.

The Year of the Birth of each King and Queen; also the Year, Month, and Day, whereon they began to reign: beginning the Year the first Day of January, 1774.			The Length of each Reign.			The Years expired since each Reign ended.
Names.	Born.	Began to Reign.	Y.	M.	D.	fin.
William Conq.	1027	1066 October 14	20	10	26	687
William Rufus	1057	1087 Septem. 9	12	10	24	674
Henry I.	1068	1100 Auguſt 2	35	4	5	639
Stephen	1105	1135 Decem. 1	18	10	25	620
Henry II.	1132	1154 October 25	34	8	11	585
Richard I.	1156	1189 July 6	9	9	0	575
John	1166	1199 April 6	17	6	13	558
Henry III.	1207	1216 October 19	56	1	0	502
Edward I.	1239	1272 Novem. 16	34	7	21	467
Edward II.	1284	1307 July 7	19	6	13	447
Edward III.	1312	1327 January 20	50	5	1	397
Richard II.	1366	1377 June 21	22	3	8	375
Henry IV.	1367	1399 Septem. 29	13	5	21	361
Henry V.	1389	1413 March 20	9	5	1	352
Henry VI.	1421	1422 Auguſt 31	38	6	4	313
Edward IV.	1442	1461 March 4	22	1	3	291
Edward V.	1471	1483 April 9	0	2	15	291
Richard III.	1443	1483 June 22	2	2	9	289
Henry VII.	1457	1485 Auguſt 22	23	8	0	265
Henry VIII.	1492	1509 April 22	37	9	6	227
Edward VI.	1537	1547 January 28	6	5	8	221
Mary I.	1516	1553 July 6	5	4	13	216
Elizabeth	1533	1558 Novem. 17	44	4	7	171
James I.	1566	1603 March 24	22	0	3	149
Charles I.	1600	1625 March 27	23	10	3	125
Charles II.	1630	1649 January 30	36	0	7	89
James II.	1633	1685 February 6	4	0	7	85
William III. / Mary II.	1650 / 1662	1689 Feb. 13	13	0	23 / 5	72 / 80
Anne	1665	1702 March 8	12	4	24	60
George I.	1660	1714 Auguſt 1	12	10	10	47
George II.	1683	1727 June 11	33	4	3	14
George III.	1738	1760 October 25	whom God preſerve			

hewing the Intereſt of any Sum of Money, from a Million to a Pound for any Number of Days, at any Rate of Intereſt.

N°	l.	s.	d.	q.	N°.	l.	s.	d.	q.
1000000	2739	14	6	0 ,99	1000	2	14	9	2 ,14
900000	2465	15	10	3 ,89	900	2	9	3	3 ,12
800000	2191	15	7	1 ,59	800	2	3	10	0 ,11
700000	1917	16	1	3 ,89	700	1	18	4	1 ,10
600000	1643	16	8	2 ,19	600	1	12	10	2 ,80
500000	1369	17	3	0 ,49	500	1	7	4	3 ,70
400000	1095	17	9	2 ,79	400	1	1	11	0 ,50
300000	821	18	4	1 ,09	300	0	16	5	1 ,40
200000	547	18	10	3 ,40	200	0	10	11	2 ,30
100000	273	19	5	1 ,70	100	0	5	5	3 ,10
90000	246	11	6	0 ,32	90	0	4	11	0 ,71
80000	219	3	6	0 ,96	80	0	4	4	2 ,41
70000	191	15	7	1 ,59	70	0	3	10	0 ,11
60000	164	7	8	0 ,22	60	0	3	3	1 ,81
50000	136	19	8	2 ,85	50	0	2	8	3 ,51
40000	109	11	9	1 ,48	40	0	2	2	1 ,21
30000	84	3	10	0 ,11	30	0	1	7	0 ,90
20000	54	15	10	2 ,74	20	0	1	1	0 ,60
10000	27	7	11	1 ,37	10	0	0	6	2 ,30
9000	24	13	1	3 ,23	9	0	0	5	3 ,67
8000	21	18	4	1 ,10	8	0	0	5	1 ,04
7000	19	3	6	2 ,96	7	0	0	4	2 ,41
6000	16	8	9	0 ,82	6	0	0	3	3 ,78
5000	13	13	11	2 ,58	5	0	0	3	1 ,15
4000	10	19	2	0 ,55	4	0	0	2	2 ,52
3000	8	4	4	2 ,47	3	0	0	1	3 ,89
2000	5	9	7	0 ,27	2	0	0	1	1 ,26
1000	2	14	9	2 ,14	1	0	0	0	2 ,63

RULE.

Multiply the Sum by the Number of Days; and that Product by the Rate per Cent. Then cut off the two laſt Figures to the Right Hand, and the reſt you muſt find in the Table.

Example. What is the Intereſt of 100 l. for 365 Days at 5 per Cent?

N°. of Days 365		Then in the Table				
multiply by 100	againſt 1000	2	14	9	2	,14
Product 36500	800	2	3	10	0	,11
multiply by 5 Rate p. Cent.	20 is	0	1	1	0	,60
1825|00	And againſt 5	0	0	3	1	,15
	Anſ.	5	0	0	0	,00

NOVEMBER hath xxx Days. D. South.

New Moon the 4th	Day at	3 in the Morning.	1 14° 33
First Quarter the 10th		7 at Night.	6 16 6
Full Moon the 18th		10 min. past 6 Morn.	11 17 3
Last Quarter the 26th		11 Forenoon.	16 18 5
			21 20 1
			26 21 2

21	1	Tu	All Saints Day. *Coventry* City.	3	M24	9	M5
22	2	W	Pr. EDWARD b. 1767.	4	36	10	4
23	3	Th	On the Mor. of all Souls. *Rochdale.*	5	50	11	2
24	4	F	*Appleshaw*, Hants.	☽ Sets		Aftern.	
25	5	S	Papists Conspiracy. *Beverley*, Yor.	6	A10	1	24
26	6	B	23 Sunday after Trinity.	6	57	2	24
27	7	M	D. CUMB. b. 1745. TERM begins.	7	55	3	23
28	8	Tu	Prs. SOPHIA AUGUSTA born, 1768	9	0	4	2
29	9	W	*Darlington*, Dur. *Stamford*, Linc.	10	10	5	20
30	10	Th	*Kenton*, N. *Rochester*, K. *Stamford*, L.	11	22	6	15
31	11	F	St. Martin, B. & Conf. *Liverpool*, Lan.	Morn.		7	8
N	12	S	O. All Saints. On the Mor. of S. Matt.	0	38	7	58
2	13	B	24 Sunday after Trinity.	1	50	8	46
3	14	M	*Brecknock. Caermarthen. Ellismore.*	3	7	9	3
4	15	Tu	Machutus, Bishop.	4	18	10	20
5	16	W	*Andover*, Hamp. *Welchpool*, Shrop.	5	26	11	6
6	17	Th	Hugh, Bish. of Linc. *Launceston.*	6	36	11	5
7	18	F	In 8 Days of Saint Martin.	☽ Rises		Morn.	
8	19	S	*Woodcot*, Oxf. *Yarme*, Yorkshire.	5	A21	0	40
9	20	B	25 Sunday after Trinity.	6	4	1	28
10	21	M	*Garstang*, Lanc. *Lamport*, Som.	6	48	2	1
11	22	Tu	Old St. Martin, Cecilia, V. & M	7	40	3	
12	23	W	St. Clement I. B. of R. & M.	8	36	3	5
13	24	Th	In 15 Days of St. Martin (the 25).	9	40	4	3
14	25	F	D. of GLOUC. b. 1743. Catherine.	10	39	5	2
15	26	S	*Castle Town*, Monm.	11	46	6	
16	27	B	Advent Sunday.	Morn.		6	5
17	28	M	Term Ends, *Lincoln*, Northamp.	0	54	7	3
18	29	Tu	*Ashborn*, Derb. *Oswestry*, Shrop. (F	2	4	8	2
19	30	W	St. ANDREW, Ap. & Mar.	3	22	9	1

M D	☉ Rises		☉ Sets		♄ Rises		♃ Sth.		♂ Rises		♀ Rises		D. break		Cl. aft.	
1	7	12	4	47	3	M48	0	M 7	11	N39	5	M28	5	M17	15	14
6	7	21	4	38	3	30	11	N46	11	32	5	44	5	24	16	8
11	7	29	4	30	3	12	11	23	11	25	6	0	5	32	15	43
16	7	37	4	22	2	34	11	0	11	18	6	16	5	37	14	54
21	7	45	4	15	2	36	10	36	11	10	6	32	5	43	13	45
26	7	52	4	8	2	18	10	14	11	4	6	48	5	49	12	13

New Moon the 3d
1 Quart. the 10th
Full Moon the 18th
3 Quar. the 26th
} Day at {
40 min. past 5 Afternoon.
5 in the Morning.
15 min. past Midnght.
40 min. past 4 Morning.

1	21°	54
6	22	34
11	23	4
16	23	22
21	23	25
26	23	24

1	Th	*Dalton.* Dev, *Rotheram,* Yorksh.	4	M	34	10M 4
2	F	*Hoxne,* Suffolk.	5		52	11 58
3	S	*Pennyfont,* Som.	☽		Sets	Aftern
4	B	2 Sunday in Advent.	5	A	35	1 0
5	M	*Atherſtone,* Warw. *Colford,* Glouc.	6		38	2 3
6	Tu	Nicol, Biſh. of Myra in Lycia.	7		44	3 2
7	W	Day 7h. 54m. l. decr. 8h. 38 m.	9		2	4 0
8	Th	Concept. of the B. V. Mary. *Boſton,* L.	10		21	4 56
9	F	*Bradford,* Wilts.	11		36	5 47
10	S	*Kimbolton,* Hunt. *Newport,* Shrop.	Morn.			6 36
11	B	3 Sunday in Advent.	0		49	7 24
12	M	*Beddl, V. Roſs,* Heref. *Shrewſbury*	2		0	8 8
13	Tu	Lucy, Virg. and Mart. *Folkingham.*	3		10	8 54
14	W	Ember Week.	4		19	9 40
15	Th	*Namptwich,* Ch. *Paincaſtle,* Radn.	5		25	10 26
16	F	O Sapientia. *Pocklington,* Yorksh.	6		27	11 12
17	S	*Exeter. Granthan,* L. *Sidland,* Dorſ.	☽		Riſes	Morn.
18	B	4 Sunday in Advent.	4	A	29	0 2
19	M	*Bedford. Northampton. Truro,* Cornw.	5		19	0 48
20	Tu	The greateſt ſh. of Days 8 h. 50 min.	6		12	1 34
21	W	St. Thomas, Ap. & Mart. *(Faſt.*	7		12	2 20
22	Th	*Newport Keams,* Montgom.	8		15	3 6
23	F	The ſhorteſt day is but 7h. 44. m. l.	9		18	3 52
24	S	Days will ſoon begin to inc. *(Faſt.*	10		30	4 35
25	B	CHRISTMAS DAY.	11		36	5 19
26	M	St. STEPHEN, 1ſt M.	Morn.			6 4
27	Tu	St. JOHN, Ap. & Ev.	0		40	6 50
28	W	Innocents Day. *Bridgewater,* Som.	1		54	7 37
29	Th	*Cockhill,* Som.	3		5	8 29
30	F	*Maiden-Bradley,* Wilts.	4		20	9 25
31	S	Silveſter, Biſhop of Rome.	5		38	10 25

☽	☉ Riſes	☉ Sets	♄ Riſes	♃ South	♂ South	♀ Riſes	Dbreak	Cl. aft. ☉
1	7 57	4 3	2M 3	9N 51	5M58	7M 2	5 54	10 32
5	8 1	3 59	1 43	9 28	5 43	7 12	5 56	8 21
1	8 6	3 54	1 23	9 5	5 28	7 22	5 58	6 14
5	8 7	3 53	1 3	8 42	5 12	7 33	6 0	3 50
1	8 8	3 52	0 43	8 19	4 54	7 45	6 1	1 10
5	8 7	3 53	0 20	7 56	4	7 57	6 0	obef. 11

Of the ECLIPSES in the YEAR, 1774.

This preſent YEAR, 1774, will produce only two ECLIPSES of the SUN, both of which will be inviſible in *Europe*.

The *Firſt* will happen on the 12th Day of *March*, about 50 Minutes paſt *our* 9 in the Morning. It will be *total* and *viſible* in 3 Degrees of *South* Latitude, between *Africa* and *America*.

The *Second* will be on the 6th of *September*, near 2 o'Clock in the Morning. It will be *total* and *viſible* in 10 Degrees of *North* Latitude, in thoſe Parts of *Aſia* near to the *Philippine* Iſlands.

*** *N. B.* JUPITER will be an *Evening* Star till the 11th of *April*; and from that time a *Morning* Star to the Year's End.

VENUS will be an *Evening* Star till the 22d of *March*; and from that time a *Morning* Star to the End of the Year.

†††† She will appear ſo refulgent this *Year*, that, from the beginning of *June* till the End of *October*, ſhe may be ſeen by the *naked* Eye almoſt all the Day-time.

ISAAC TARRATT.

All Perſons, who pleaſe to be CONTRIBUTORS to this DIARY, by anſwering the *Queſtions*, *Ænigmas*, &c. or by ſending *new ones*, or other entertaining and improving *Subjects* proper for the WORK, are earneſtly deſired to ſend *them*, and their *Solutions at large along with them* (otherwiſe they will not be publiſhed) before EASTER-DAY 1774, directed, *For the Author of the Gentleman's Diary*, to be left with Mrs. MARY ALT, *Milliner*, at the POST-OFFICE in *Aſhby-de-la-Zouch*, Leiceſterſhire, or to Mr. HAWKINS, at Stationer's Hall, London, (POST-PAID); or they will be returned.

*** Mr. GEO. SANDERSON, being intitled to twelve DIARIES; Mr. JAMES MUSCROFT, Mr. WILLIAM WYLD, and GEMINI, to eight DIARIES each; are deſired to ſend for their reſpective Lots to Mr. GEORGE HAWKINS, at *Stationers-hall, London*.

N. B. LANDS ſurveyed, divided, and incloſed; and Maps of the ſame accurately delineated: alſo Timber valued; Houſes, and other Buildings, drawn, ſurveyed, and eſtimated, for Gentlemen or Artificers. Alſo Youth genteely boarded, and carefully inſtructed, in Writing, Arithmetick, and the moſt uſeful parts of the MATHEMATICS, on reaſonable Rates. By THOMAS PEAT, late of *Nottingham*, now of *Swanington*, near *Aſhby-de-la-Zouch*, in the county of LEICESTER.

ANSWERS to the ÆNIGMAS, &c. in the laſt Year's DIARY.

1. A SHADOW.
2. A PARTRIDGE.
3. A BRIDE.
4. A SNUFF-BOX.
5. THE 29th of FEBRUARY.
6. SNOW.
7. An HORSE-COURSE, with a ROYAL PLATE.
8. A RAZOR.
9. *Prize.* The TONGUE.

1. *Rebus*, BLISSET.
2. *Rebus*, SHEPPARD.

All the ÆNIGMAS answered by Mr. ISAAC GUMLEY.

'Twas in the Morn, when gloomy SHADOWS fly, 1.
Swift as a PARTRIDGE thwart the azure Sky,
When *Sol* arose, and with Refulgence bold
Had tipp'd the Mountains with his Rays of Gold,
That fair *Fidelia* first became a WIFE, 3.
To bless her *Damon* with all Joys of Life.——
Behold, from Church with joyful Looks they go,
His Dress respectful—hers as white as SNOW; 6.
While ev'ry TONGUE doth bless the happy Pair, *Prize.*
And rural Music fills the circling Air.——
Around the festive Board their Friends are plac'd;
And all replete with joyful Looks are grac'd.——
Reflection o'er, the chearful Health goes round;
And all the Day's with Mirth and Pleasure crown'd.
But, O! what Raptures fill fond *Damon's* Breast!
With what high Joys is fair *Fidelia* blest!
Thus may they live, happy and free from Strife,
'Till Death shall * CUT the slimsey Thread of Life.—— 8.
Ye Rich and Great, as ye in Pow'r advance,
Shine in the Box, or mingle in the Dance; 4.
But seldom taste of Pleasure so refin'd,
Such ardent Love—Tranquillity of Mind:
Not all the Storms that often do emerge,
All *Winter* long, to FEBRUARY's Verge †; 29 *Feb.* 5.
That sweep along with such amazing Force,
To push down Trees and Houses in their COURSE; 7.
Nor Lightnings dire, nor Thunder's awful Rolls;
Shall e'er dissolve the Union of their Souls.

* Alluding to a RAZOR.

All the ÆNIGMAS answered, by Mr. BENJAMIN WEST, in an Ode to SOLITUDE.

Parent of calm REFLEXION! thee I hail, 1.
To thee, enraptur'd, wake the dulcet Lyre;
O! for a *Seraph's* Fervour, to reveal
My Thoughts in Strains of true poetic Fire!
Blest *Solitude!* what Bliss with thee to rove
Where timid PERDIX feeds her Infant-brood, 2.
To eye the Beauties of the vernal Grove,
Or tread the mossy Margin of the Wood!
Far from the Clamours of a scolding WIFE, 3.
To range amidst the Plenty-teeming Fields,
To see the Flow'rs emerging into Life,
In all the Pride that genial Nature yields!——

Roun

Round the gay Circle let the flashy Beau
With study'd Grace the shining Snuff-Box hand; 4.
To please the *Fair*, his Stock of *Rhet'ric* shew
In,—" Ladies! I'm your Servant to command:"
Far nobler Joys in *Solitude* I taste!
When Terrors frown in February's Rear, 5.
When *Boreas* whistles thro' the bleaky Waste,
And Desolation marks the rising Year:
When Silence reigns on ev'ry *leafless* Spray,
And seen no more is *Flora's* vivid Bloom;
When Snow-fraught Clouds obscure the Face of Day, 6.
And o'er the Landscape spread a dreary Gloom:
Then be it mine in secret to retire
From vain Discourse, and loud unmeaning Mirth, 7.
Creation's Works with Wonder to admire,
And praise that Pow'r who spoke them into Birth.
Thou! Contemplation's, and the Muses' Friend!
(Tho' Wits, as Razors keen thy Presence fly,) 8.
Oh! taught by thee, I'll oft in Thought ascend,
And Worlds unknown survey with mental Eye.
Thrice hail! lov'd *Solitude!*—To thee I raise
My grateful Voice—to thee devote my Song:
But to describe thy Charms, and sing thy Praise
Demands an Angel's Pen—an Angel's Tongue! *Anag. Pride.*

Master Richard Moyle (a Youth) of St. *Agnes*, *Cornwall*, sent a general Answer to all the Ænigmas, in his Choice of a Wife.

Would god-like *Hymen* hear my plaintive Cries,
And grant me what my Option would suffice;
I'd choose a Bride, both comely, neat and fair, 3.
Not High, nor Mean (a Choice exceeding rare!)
Her Parts with reas'ning Sense should lively glow;
Her Breast with Pity to th' Distressed flow:
Rich in Good-nature—in her Manners shine
Genteel Extractions—of an honest Line!
Faint fleeting Shadows should her Mind despise, 1.
The gilded Snuff-Box,—and such Vanities: 4.
Her Mind should tend toward the Heav'nly Sphere,
Her Thoughts all candid, and her Heart sincere:
Swift as the Partridge, or the Horse in Race, 2. & 7.
Should her bright Fame fly 'broad to ev'ry Place!
Like as a Razor should her Wit be keen, 8.
And sprightly as the vernal Meadow green;
Shou'd know t' account for each Bissextile Year, 5.
And pure as Snow should all her Deeds appear. 6.
Then sweet Content would dwell within my Breast,
My Troubles cease, my Cares be lull'd to rest,
Thrice happy, happy I, with such Wife bless'd!

Her Worth with Praiſes ſhould aloud be rung,
While I enjoy the uſe of Pen or TONGUE. *Pri*

Mr. RICHARD WARD anſwers all the ÆNIGMAS thus.

Declining *Sol* juſt paints the glowing Weſt,
And haſtens, down in *Thetis* Lap to reſt;
With oblique Rays ſmiles o'er the blooming Vale,
Where freſh'ning Odours load the fanning Gale:
The fearful PARTRIDGE reſts in fertile Plains;
And *Philomel* began her plaintive Strains;
My SNOW-white Flock I to the Fold convey'd,
And with my *Flute* retir'd to yonder Shade.
What various Beauties here ſalute mine Eyes!
Unknown to Fops, who gilded SNUFF-BOX prize.
Such ſweet Serenity appears around,
As on the HORSE-COURSE—never can be found!
Grandeur's a SHADOW—Fame an empty Blaſt,
Which leſs than Nothing will appear at laſt;
O! would *Clariſſa* deign my BRIDE to be,
I would not covet more Felicity:
Such ſoothing Sweetneſs dwells upon her TONGUE, *Priz*
Numberleſs Charms unto *this* Fair belong!
For, from her lovely Eyes ſhe caſt a Dart,
Which, keen as RAZOR, pierc'd my throbbing Heart! 1
But ſee—ſhe comes! new Beauties deck the Scene;
The Vales and Groves put on a livelier Green;
The Flow'rs again exhale their fragrant Stores,
And *Ceres* all her laviſh Bounty pours.
Welcome, my Fair One, to my longing Arms!
O! let me ever gaze upon thoſe Charms!
Name but the * DAY, you'll make my Bliſs compleat; 5
I'll envy not the Grandeur of the Great:
But in my *Cot* with *You* (while Life remains)
I'd dwell—the happieſt Shepherd on the Plains!

* Alluding to the 29th of *February*.

Anſwered by the Rev. THOMAS VAUGHAN, A. M.

A Friend came to me t'other Day,
Aſk'd me to go a little Way.
I took the RAZOR, ſhav'd my Face; 8
Then with him went to ſee a RACE. 7
I had no Pleaſure, I declare,
Becauſe my BLISSET was not there. 1. *Reb*
Her BREASTS than SNOW are far more white; 6
She ſhines all o'er like PARTRIDGE bright, 2
S

She promiſed to be my BRIDE; 3.
But now ſhe has the ſame deny'd.
No TONGUE can tell what I endure; *Prize.*
My SNUFF-BOX can afford no Cure. 4.
If ſhe this Reſolution keep,
I needs muſt take the Lover's LEAP. 5.
Miſs SHEPPARD thinks I can't be known; 2 *Reb.*
And tells me I'm a SHADOW grown.

Anſwer to the PRIZE ÆINGMA.

I conn'd the *Prize* Æaigma long;
And found at laſt—it was a TONGUE.

All anſwered by GEMINI. On *Riddle*-making.

Variety with moſt agrees;
So here we take juſt what we pleaſe.
A SHADOW uſhers *Swift* to Fame; 1.
A *Sportſman's* always fond of Game,
As PARTRIDGE, *Pheaſant*, or an *Hare*;— 2.
Gumley does for a BRIDE declare; 3.
Carpendale the SNUFF-BOX loves; 4.
And *Weſt* of LEAP-YEAR much approves; 5.
I own, *I* ſometimes love the SNOW; 6.
The RACE-GROUND *Thompſon* well muſt know; 7.
Lacey a RAZOR well has ſung; 8.
And *Colledge* ſhould not hold his TONGUE; *Prize.*
Miſs *Shepherd* BLISSET ſets to View; 1. *Reb.*
And *Lacey* ſeems to SHEPPARD true. 2. *Reb.*

All the *Ænigmas* and *Rebuſes* anſwered by Mr. JOHN PARKER.

Once more my Pen has caus'd my Ink to flow;
(For ſurely ſtill the Paper-mills muſt go)
No *Critic's* SHADOW e'er makes me afraid; 1.
My Motive ſtill is to encourage Trade,
Let cruel Sportſmen make the PARTRIDGE bleed, 2.
And on the RACE-COURSE ſpur the willing Steed; 7.
Keen as a RAZOR fleeting Joys purſue, 8.
Which yield no Pleaſure on a paſt Review.
But ſee, ſweet *Myra*, *Damon's* lovely BRIDE, 3.
Has laid her gilded SNUFF-BOX quite aſide; 4.
(Fond *Damon's* faithful Love ſhe does preſer,
Who broke his Pipe purely to pleaſure her);
The TWENTY-NINTH of FEBRUARY, then 5.
Damon became the happieſt of Men.

His *Myra*'s prudent, affable, and kind;
Pure as the new-fall'n SNOW her virtuous Mind; 6.
The Law of KINDNESS on her TONGUE does dwell; *Prize.*
Few can her equal—fewer ſtill excel.
O! what a bright Example then is this! it,
Copy it, SHEPPARD, and ſecure your BLISS—et. 1. & 2 *Reb.*

Mr. WILLIAM GOUGH anſwers all the Ænigmas, in this *Paſtoral.*

Amyntor, an amorous Swain, once met with young *Daphne* the fair;
Together they tripp'd o'er the Plain, and ſoon to the Groves did repair.
REFLEXION they knew very well; oft' through the gay Meadows they'd rove, 1.
Where PARTRIDGES frequently dwell, in Friendſhip and mutual Love, 2.
The Swain was both conſtant and true, a Stranger to Sorrow and Strife;
When *Daphne* was ever in View, he long'd for to make her his WIFE. 3.
Oft' with her SNUFF-BOX he would play, as jocund he walk'd by her Side; 4.
On FEB'RY's TWENTY-NINTH DAY, he vows he will make her his Bride. 5.
Then ſtraight to the Church they do go, their Cottage being diſtant two Miles;
O'er the HORSE-COURSE, though cover'd with SNOW, the *Shepherds* ſalute them with Smiles. 6. 7.
Though ſharp as a RAZOR the Air, the Nymph and the Swain trudg'd along; 8.
Quite free from all Trouble and Care, Truth and Innocence dwelt on each TONGUE. *Prize.*
When *Hymen* the Knot he had ty'd, they gave to each other a Kiſs;
So bleſs'd was the Bridegroom and Bride, they return'd to their Cott, full of Bliſs.

The PRIZE Ænigma anſwered by the ſame.

To rail, or jeer, againſt the Fair, I think, is quite uncivil;
But *Woman's* TONGUE, when rudely rung, is ſure the very D——l!

Mr. JOHN SKERMER anſwers all the Ænigmas as under.

On FEBRUARY the TWENTY-NINTH no SHADOW did I ſee; 5. 7.
No PARTRIDGE was that Day deſtroy'd, nor BRIDE found out for me: 2. 3.
No HORSE-COURSE could be then well us'd; for SNOW had fill'd them up; 7. 6.
A SNUFF-BOX I don't like ſo well, as a brown *Nappy-cup.* 4.
A RAZOR is not half ſo *keen* (if I am not too bold) 8.
the ungovernable TONGUE of a d—n'd vicious *Scold!* *Prize.*

Mr. WIL-

Mr. WILLIAM WILD anſwers all the Enigmas, in the following ADVICE to a young LADY, before her Departure from the *Country* to *London*.

Madam! excuſe the Freedom of a Friend,
And to the Dictates of his Muſe attend.
When you ſhall bid your aged Sire adieu,
And go the great *Metropolis* to view;
When you your faithful *Guardian's* Side ſhall leave,
Leſt ſome inſidious Sycophant deceive,
With deep diſſembled Words, and feigned Smile,
Your Mind unſkill'd in Fallacy and Guile.
ASLEAPS the *Stag*, or BIRDS fly from their Foe, 5. 2.
So ſhun perfumed *Fops*, and tinſel'd *Beaux*!
Or a young *Lord*, who to *Newmarket* goes,
And on his fav'rite HORSE will Thouſands looſe! 7.
If one of theſe——not vaineſt of the vain,
With SNUFF-BOX double-gilt, and clouded Cane, 4.
Shou'd e'er accoſt, and court you for a WIFE, 3.
With Promiſes of Happineſs for Life,
A Round of Bliſs!—Suſpect it a Decoy
Of one who will your tranquil Hours deſtroy.
Nor be leſs tim'rous of the *Scarlet* Tribe;
Some one of *theſe* your Retinue may bribe
To ſound *his* Praiſes in their Lady's Ear,
Yet, when the IMAGE of approaching War, 2.
Preſents itſelf unto *his* Coward-Mind
His Thoughts tumultuous no Aſylum find:
He dreads the Martial-Summons——And a Foe
Diſſolves his Valour—as the *Sun* the SNOW! 6.
Beware of *all* who're laviſh in your Praiſe
Who, with deluſive TONGUE—with ſoothing Phraſe, *Brizo.*
Comment upon the Merits of each Friend
When preſent; but the abſent diſcommend,
Rail on their Perſons, trace each trivial Fault
With Gloſs malignant to its Riſe in Thought:
Their Words like RAZORS wound to murder Fame, 8.
And ſtain with Guilt the moſt illuſtrious Name!
Foibles extend to an enormous Size,
Nor will allow for Frailty or Surprize:
All are condemn'd!—To ev'ry Virtue blind,
But what adorns their own (too partial) Mind;
They point their Arrows 'gainſt the *mined* Sage,
ANGELS alone eſcape their cruel Rage: *Anagram.*
With *ſuch* aſſociate not—Be timely wiſe,
Leſt your unſullied Fame *they* ſacrifice.

Meſſ. Thomas Adcock, Pennel Fox, Charles Harris, James Hartwell, William Hedley, Giles Lacey, Richard Rowley, Thomas Thorp, Elizabeth Wallis, and other of our ingenious Contributers, ſent Poetical

Anſwers to *all* or *moſt* of the *Ænigmas*; but want of Room will not permit their Publication, &c. &c.

Anſwers to the *Rebuſes*, *Query*, *Anagram*, &c.

Both the *Rebuſes* anſwered by Mr. ISAAC GUMLEY.

Tho' BLISSET and SHEPPARD are loaded with Charms,
The Hearts of the Men to enſnare;
Yet they in my Boſom can cauſe no Alarms;
For Laura is Governeſs there.

2. Rebus anſwered by RUTH RUSTICK.

SABBATH's a Feſtival kept once a Week;
Happineſs (here on Earth) we vainly ſeek;
Eaſt is the Point, where dawns the riſing Day;
Prologue is ſpoken previous to a Play;
Poetry, theſe few Lines I ſcarce can call,
Avarice a Paſſion, hateful is to all;
Riches, vain Miſers think their chiefeſt Good;
Death, by the braveſt cannot be withſtood.
By theſe Initials plainly does appear,
Miſs SHEPPARD is the witty, ſprightly FAIR.

Mr. ROBERT GREGORY, of *Stamford*, anſwered them in the ſame Manner.

Anſwer to the *Query*, by Mr. BENJAMIN CLEYPOLE.

Dr. *Leigh*, in his Body of Divinity, *Lib.* ix. Chap. 11. p. 1149; defines *Contentment* in the following Manner, viz. "In three things "jointly conſiſteth the Nature of true *Contentment*; that Man *only* hath "learned to be *content*, which can ſuffice himſelf with his *own* Eſtate; "with the *preſent* Eſtate; with *any* Eſtate." From which, it ſeems reaſonable to infer, that *true Content* ariſeth from a Man's being, and reſting fully, ſatisfied with the Station or Condition it hath pleaſed Almighty God to beſtow on him in this Life; avoiding, at the ſame time all manner of Covetouſneſs, and greedy Deſires after any thing belonging to another.

There may be a *Difference* between *Contentment* and *Satisfaction*; for *Contentment* is, when a Man's Mind is framed and ſuited according to his Condition: But *Satisfaction* may be of another Nature; *i. e.* when a Man's Condition is fitted and ſuitable to his Mind.

The ſame anſwered by Mr. WILLIAM HURN.

If we were void of all the Cares and Vexations of this Life, we ſhould not be *contented*, if we did not agree with that Author who ſays, "He "is happy who thinks himſelf ſo". And therefore,

From various Reaſons you will find,
Content ariſeth from the Mind.

Mr. G.

Mr. G. LACEY anſwers it thus:

If *true Content* is to be attained by *Mortals*; I think nothing bids fairer for producing it, than the conſtant and uniform Practice of VIRTUOUS ACTIONS.

The ſame anſwered by LEDREY.

TRUE CONTENT muſt undoubtedly riſe by patiently ſubmitting to the Will of GOD in all Things; which not only intitles the Poſſeſſor to a clear Conſcience, but a Mind fully ſatisfied with its own Actions, and conſequently *in Charity with all Men.*

Anſwer to the *Anagram*, by Mr. JOHN SKERMER.

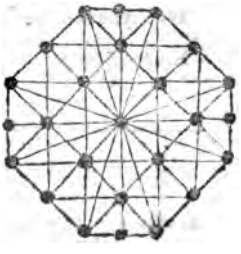
The Phyſician GALEN, when tranſpoſed will ſhow,
That an *Angel* may guard a poor *Mortal* below.

Mr. WILLIAM HURN's Anſwer; in which a *new* Anagram is propoſed.

GALEN tranſpos'd an ANGEL bright will ſhow———
Now, in Return, Sirs, —Anſwer what's below.
What *Squirrels* eat, and *Sand* (if right tranſpos'd)
From thence an *Abbot's* Name will be diſclos'd,
Who caus'd a *Saxon* King to be depos'd.

Mr. JOHN BLOCKLEY, of *Edenſor*, ſent the annexed Scheme to anſwer the PARADOX, addreſſing himſelf to the Propoſer; thus,

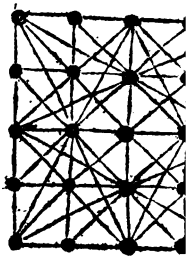
Friend Kilworth, if this Scheme will
pleaſe,
'Twill ſhew you how to plant your Trees,
Where twenty-five in Order ſtand,
In Rows * exact to your Command,
And here appear in public View;
I am, your Servant, Sir,—adieu.



* 28 Rows.

Mr.

Mr. THOMAS ADCOCK gives the annexed Method of anſwering the *Paradox*; and ſays,



Friend *Kilworth*, you may take your Eaſe;
Indeed, your Suit is granted;
View't in the Margin, if you pleaſe;
Thus muſt your Trees be planted.

Mr. WILLIAM HAYES ſent a ſimilar Scheme; adding,

Kind Sir, here's a Plan ſhew you how to diſpoſe
Of twenty-five Trees in juſt twenty-eight Rows:
The number of Trees in ſome Rows is juſt four;
In ſome there are five; others three, and no more.

Mr. *Henry Gilbert*, of *Coates*, (a Youth of fifteen years) ſ
different Schemes, each anſwering the *Paradox*, except only,
had formed too many Rows, having thirty-two in each.

And Mr. *Richard Moyle* ſent an *Hexagonal* Scheme, very
from either of the above.

Alſo, Mr. *Thomas Thorp* ſent one very different from all th
being an *equilateral* Triangle, including five other ſimilar ones,

Anſwer to the TREAT, by *Mr.* W. HASTINGS.

December the Fifth, our Friend William Swift
Invited us all to a Treat;
But what do you think? We had nothing but Drink,
Allowing us nothing to eat.
We'd ALE, SACK, and MEAD, and good FLIP indeed,
Quite fit for a *Biſhop* or *Vicar*.
But pray, my good Friend, next Treat you intend,
Give us ſomething to eat, with your Liquor.

New ÆNIGMAS, to be anſwered in the next Year's DIAR

1. Ænigma 273 (wherein a general Anſwer to all the laſt Y
Ænigmas is included), by Mr. JOHN COLLEDGE.

Come, ſweet *Erato*, touch my grateful Lyre,
Cœleſtial Virgin! harmonize my Song;
Enlighten me with ſmooth *Poetic* Fire,
Daughter of *Jove!* grant Freedom to my TONGUE. P

But, as Preamble (*Pope* has often ſaid)
Is inconſiſtent with the *Diary Plan*:
I'll bring my *Preaching* to one gen'ral Head,
And be conciſe as poſſible I can.

ENIG. Long in the Bowels of the teeming Earth
An indigeſted Maſs I dormant lay;
'Till ſome [a] SMOOTH Artiſt ſhap'd me into Birth;
And thouſands ſince have hail'd my natal *Day*.

In hope of Gain, Man faſhion'd me a-new;
The babbling World ſoon rang with my Applauſe;
My Fame (like Lightning) through the Nation flew:
What Wretch could ſcruple to eſpouſe my Cauſe?

But moſt the *Britiſh* Ladies I delight;
(The friendly Box Fame's Trump no longer ſound)
Elate with Joy, when I attract the Sight,
Delightful Chat alternately runs round.

What, though I may be ſeen with Arms acroſs,
While guſhing Tears in rapid Torrents flow:
Tears often ſerve to heighten Beauty's Gloſs;
Nor are they always certain Signs of Woe.

Thus (Monarch-like) when I appear in State,
Exalted on an Horizontal Throne;
Crowds *of Domeſtics* at my *Levee* wait,
To ſhare my gen'rous Bounties—one by one.

Whether in lively SHADES of Red and Green,
Or all the Teints that deck the radiant Bow,
Or Innocency's plainer Garb, I'm ſeen
Pure and unſully'd as the new-fall'n SNOW;

It matters not:—each RAZOR-witted BRIDE
(Clad ANGEL-like) her RHETORIC diſplays;
And each fond Spouſe, who ſwims but with the Tide,
To ſooth the BIRD, commemorates my Praiſe.

How wide, how vaſt, my Empire now is grown!
"To *either* Sex my gen'rous Aid extends:
Is there an Houſhold to my Fame unknown?
Damon, and *Celia*—equally my Friends!"

Thanks are thy Due, ſweet *Heliconian* Maid;
In Days of Yore had ſuch a Tale been told,
Or had the *Sphynx* thus much about *Me* ſaid;
It muſt have puzzl'd *Oedipus* of old!

[a] Alluding to the 7th. Feb. 29.

[b] Enigma

2. Ænigma 274. by the Rev. Thomas Vaughan, A. M.

I always ſtand whenever I do run;
But, if at any Time to run I ceaſe,
Turn me but topſy-turvey; then anon
You'll ſee me ſtand again, and run apace.

3. Ænigma 275. by Mr. William Hurn.

Room, Room, ye Wits—Pray, how come *this* about?
Amongſt your num'rous Train I'm yet left out!
A Place in Di'ry once then let me have,
(If honour'd Prat grant this)—no more I crave.
Amidſt the deep Receſſes of the Grove,
Where the gay *Strephon* meets his deareſt Love;
'Twas there my Parent firſt attain'd his Birth;
Contented, he long flouriſh'd on the Earth,
'Till he by cruel Hands away was born,
And I, unhappy I, from him was torn.
The various Tortures I was doom'd to bear
(Kind *Gents*) are quite too num'rous to declare:
But *Time*, whoſe friendly Aid to all extend,
At length to all my Sorrows put an End.
In various Colours I am often ſeen;
Now *Blue*, now *Red*—but very ſeldom *Green*;
Sometimes my meagre Body's cloath'd in *White*,
Tho' oft'ner far in *Brown* attract your Sight.
Now, ſhould ye be deſirous for to know
What Form I am—and what's my Bus'neſs too;
But, if the firſt I ſhou'd deny to tell,
(Forgive me, *Gents*,) I ſhould be known too well,
Mechanics know my Uſe—my Worth they'll tell;
To *Architects* my Service is known well,
They oft conſult me—*follow* where I *lead*
And with peculiar Care my Foot-ſteps tread.
When the blythe *Farmer's* in the fertile Field,
Reaping the Fruits his Induſtry doth yield;
I in the jolly Croud do frequent ſtand,
Waiting upon them, as they ſhall command,
And, tho' to *Peace* I'm known a ſteady Friend,
In *Sieges* oft' I great Aſſiſtance lend.
See yon ſly Fellow! with that gaping Croud
Who follow him, with Acclamations loud;
Aſk him, he'll tell you with a ſneering Grace,
At ſundry Times I've ſtood upon his Face.
Stand not aghaſt! Ye learned Sons of Fame,
In ſacred Hiſt'ry you may find my Name:
In Churches very often I appear;
One, *two* or *more*, ſometimes you'll meet with there.

Ne-

Now, turn the Topic (only you'll exclaim,
Some impious Vagabond I ſurely am);
For I to Thieves ſometimes my Aid extend,
And to Houſe-breakers oft' Aſſiſtance lend.
When I appear they follow me with Pleaſure;
For frequently I lead 'em to the Treaſure.
But Juſtice follows—Time diſcovers all;
And then I lead 'em to their dreadful Fall,
Yet, when grim Death accoſts 'em at the Tree,
They then are really loth to part with me.
Now learned *Ænigmatiſts*—tell my Name,
And mount yourſelves and me to laſting Fame.

4. *Ænigma* 276. by Mr. THOMAS ADCOCK.

In Marble Walls as white as Milk,
Lin'd with a Skin as ſoft as ſilk;
Within a Fountain, Chriſtal clear,
A golden Apple does appear:
No Doors there are to this ſtrong Hold,
Yet Thieves break in, and ſteal the Gold!

5. Ænigma 277. by Mr. ISAAC TARRATT.

'Tis mine to trace thro' each diſtinguiſh'd Name,
The Paths of Honour, and the Paths of Fame;
The noble Monuments of Art to ſcan,
And uniformly act on Nature's Plan;
Still true to Nature, born on Fancy's Wings,
I frame ſage Leſſons from the Mode of Things;
From various Natures varioully combin'd,
I ſtate the Pow'rs of Matter and of Mind;
From certain Cauſes Conſequences form,
In ſov'reign Pow'r, o'er Ship-wreck and the Storm;
The Elements are mine; Earth's wide Domain;
I mount the Skies in Thunder and in Rain;
Dart where the Orbs their radiant Courſes run,
Blaze in the Stars, illuminate the Sun;
Or thro' this Syſtem various Scenes explore,
Search other Suns, and Syſtems o'er and o'er.
Thro' Nature's Walks you ſee the Taſk is mine
To trace, to ſcan, to mark the grand Deſign,
To touch the Spheres, or Majeſty Divine.

6. Ænigma 278. by Mr. G. LACEY.

In Maſquerade why may not I,
Kind GENTS, appear? You'll ſoon eſpy
Through my Diſguiſe my curious Frame,
With little Trouble tell my Name.

A Lattice

A fertile Soil above the Earth,
By Man unculturʼd, gives me Birth;
Where ſoon I on its revʼrend Face
Appear with a majeſtic Grace.
I oftʼ, alas! am cut off young,
(A Leſſon to the giddy Throng!);
Yet ſoon I ſprout and grow again,
And cover oʼer the fruitful Plain.
But, ere one Week at moſt is oʼer,
Iʼm ſlain again, juſt as before.
Yet ſtill I flouriſh, ſtill increaſe;
And ſhall till Time itſelf ſhall ceaſe.
What! GENTLEMEN, my Name reveal
Ere I have finiſhʼd half my Tale!
Youʼd not ſo ſoon perhaps have known me,
Had not my cruel *Slayer* ſhewn ye.
He pointed out the Way, no doubt,
By which ſo ſoon you tracʼd me out,
Yes, yes, you have me faſt by thʼ Head;
So all I need to ſay—is ſaid.

7. Ænigma 279. by Mr. RICHARD WARD.

Ingenious Bards! (if youʼll excuſe)
I will preſent my Parts and Uſe.
From Woods and Mother Earth, ʼtis ſaid,
Materials come, of which Iʼm made;
The fiʼry Ordeal muſt endure;
Then riſe another Being pure.
In coſtly Silver now adornʼd,
I oft take up an *Human* Form:
And ſometimes (but ʼtis very rare)
Aſſume the Form of *Dog*, or *Bear*.
I oftentimes a *Leg* do lack,
Sometimes have *one* fixt on my Back!
But, when with two *Legs* I am gracʼd,
On each Side *one* (be ſure) is placʼd.
The *Beaux* and *Belles* do me adore,
Extol my Worth, and own my Powʼr:
To flatter them Iʼm never prone,
But make their Imperfections known.
A Limner I, of mighty Fame;
Each ſprightly *Fair* will own the ſame:
I draw their Picture quite compleat;
Not Hogarthʼs ſelf could doʼt more neat.
I am —— But hold—from Hints ſo plain,
Ere now (I fear) youʼve found my Name.

8. Ænigma

8. *Ænigma* 280. by GEMINI.

My Parents in the *Mead* delight; I by Compulſion came to Light;
And well I may; for mark my Woe, I cloſe Confinement undergo.
For, when my Miſtreſs thinketh fit, I'm headlong thrown into a Pit;
Where Heat and Force do both combine, to change the priſtine State of mine.
A Globe, a Cube, or what ſhe pleaſes; a Fluid, Solid Superficies;
So pliant made by Female Skill, I take juſt any Form ſhe will.
Some Ladies ſay, I help Digeſtion; ſome me refuſe for their Complexion.
Now ſay, *Adepts*; pray, what am I? in whom a *Friend* and *Foe* ſome ſpy.

9. *Ænigma* 282. by Mr. WILLIAM WYLD, being the Prize *Ænigma* for the Year 1744.

DIARIA's Sons, who in deep Myſt'ries deal,
Though I from you my *Origin* conceal;
Yet will I of a foſter Parent boaſt,
Well known in *Europe*, and on *Afric*'s Coaſt;
Whoſe genial Pow'r—great Friend of LIBERTY,
Who Priſons opens, ſets the Captives free!
My Feet unfetter'd, o'er the ſandy Waſte,
I from the Walls of my late Durance haſte:
In Infant State, forgetful of my Home,
From Hill to Vale, I diſregarded roam:
My Strength increaſ'd the deſart Soil I tread,
Traverſe the Plains; by Fear, or Hunger led:
And, when with downy, coſtly Veſtments deckt,
Who then? ah! who could murd'rous Rage ſuſpect?
Yet then—ev'n then! I'm by the ſwift purſu'd,
The hungry Courſer thirſteth for my Blood!
From whom I haſte—I ſcour with winged Speed!
Not frighted *Roes* in Flight can me exceed;
No flying *Nymph*, the lud Embrace to ſhun,
From her Purſuer could more ſwiftly run!
So greatly I'm incens'd!—With vi'lent Force
I ſtone my Foes, ev'n in my rapid Courſe!
Ye, who are anxious for a Laureat's Crown,
Harmonious *Bards*, my Name next Year make known.

New REBUSES, QUERIES, &c. to be anſwered in the next Year's DIARY.

1. REBUS by Mr. JOHN BLOCKLEY.

To two *Sevenths* of that Bond of Peace, St. PAUL declares all muſt embrace;
To theſe add two Eighths of a *Limb* of the Law; and one ſixth of a *Prophet* whom I never ſaw:

Which

Which *Sage* (pray remember) was virtuous and brave,
But, by an old *Witch* was rais'd from his Grave!
A *Chapman's* common Term next—without Doubt
Will throw off the Veil, and soon find me out
These rightly connected (no Doubt) make appear
An elegant FABRICK in old *Derbyshire*.

2. REBUS by TRAVELLER.

The choicest Partner, with a *Flowing-bowl*;
What is *forewarn'd* to ev'ry living Soul;
What *strikes* with Terror, all upon this Stage;
What *makes* Men oft' with the bright fair engage;
She, *who* was cause of all our Toil and Pain;
And *what* the Old oft' wish for, but in Vain!
Initials join'd—with the bright Skill of yours,
Will name a *Friend*—in DURHAM'S blissful Bowers.

1. A QUERE by Mr. RICHARD MOYLE.

Ye witty Bards, indulge a Youth,
To know the under-written Truth;
In doing which, you'll give Relief:
Pray, how do TEARS assuage one's Grief?

A New Paradoxical Problem, by Mr. JOHN MOORE.

ARTISTS of *Fame*, some Method make appear,
In your fam'd DIARY another Year,
How I must plant, in Rows just forty-two
With Trees, in Number five times five (to view),
And have in some Rows *five*, some *three*, some *four*:
Grant this, and you'll oblige, *Gents*—Your's, JOHN MOORE.

2. Paradoxical Problem, by Mr. RICHAYD MOYLE.

DIARIAN Artist, rare and wise, the Plan I beg you'll shew,
With *sixteen* Rows, and *thirteen* Trees, and *three* in ev'ry Row.

ERRATA by JOHN MOORE.

On re-examining my Solution to the 3d Question, last Year's Diary, p. 35, I found I had given you a false Copy—for, in Line the 5th, $\sqrt{a}$ should have been $= \frac{da\sqrt{a} - 5}{a^2\sqrt{a}} \pm \sqrt{\left|\frac{c - d^2\sqrt{a}}{a^2\sqrt{a}} + \cdot 5 - \frac{da\sqrt{a}}{a^5}\right|^2}$ and from thence the last Equation becomes (by putting this $= x$) $a^2x^3 - dx^2 - a = -b$; when solv'd (the negative Quantity giving the Answer) $\sqrt{a} = 2$; as was there said.

ANSWERS

ANSWERS to the QUESTIONS in the laſt Year's DIARY.

(1.) Queſt. 371. anſwered by Mr. *Joſeph James*.

If the firſt Equation be multiplied by $x.z$, and compared with the ſecond $y=\frac{4200xz-22500}{x^3z^2}$; this Value of y being ſubſtituted in the third $x=\frac{46877z^2-z^2+22500}{4200z}$.

Now, from the Conditions of the Queſtion, z muſt be a whole poſitive Number, not exceeding 7, nor leſs than 1; wherefore, by a few Trials, z is found $=2$; hence $x=25$; and $y=3$. So that this beautiful Damſel's Age appears to be 25 Years 3 Months; being born on a Monday.

The ſame anſwered by Mr. *John Gould*.

By extracting the Square-root of the ſecond Equation, we obtain $xyz=150=a$; then, the firſt divided by xyz, we get $x+y=28=b$; conſequently, $x=b-y$, and $z=\frac{a}{xy}$. Now, both being ſubſtituted in the laſt Equation, we have $\overline{b-y}^3\times y+\frac{a}{b-y-y^2}=46877$. Solved, $y=3$, $x=25$, and $z=2$.

Mr. *Ezekiel Walker* anſwers the ſame as under.

Given $\begin{cases} 1.x^2y^2z+y^2xz=4200=a. \\ 2.x^2y^2z^2=22500=b. \\ 3.x^3y+z=46877=c. \end{cases}$

$1\times xz$ $4.x^3y^2z^2+y^2x^2z^2=axz$

$2-4$ $5.x^3y=z=axz-b.$

$5\div x^3$ $6.y=\frac{axz-b}{xz}$

$6-3$ $7.\frac{axz-b}{xz}=x-z$

7 Red. $8.z=\frac{x^3c-x^3+b}{ax}$

$2\div x^2z^2$ &c. $9.y=\sqrt{\frac{b}{x^2z^2}}$

Sub. $3.10.x^3\sqrt{\frac{b}{x^2z^2}}+z=c.$

10 Red. $11.x^3\sqrt{\frac{b}{x}}+z=c.$

8 Sub. $12.\frac{x^3c-x^3+b}{ax}$

$\times\sqrt{\frac{b}{x}}+z=c.$

Solved, gives $x=25$. Hence $x=25$, and $y=3$, the Numbers ſought.

Meſſrs. Aldcock, Dent, Draconius, Gerrard, Gethin, Harriſon, Hartley, Hayes, Knowles, Lean, Leſter, Lower, Moore, Parker, Pegg, Parr, Reynolds, Robertſon, Rowbottom, Rowley, Shadgett, Sherwin, Spalton, Stanley, Turner, Taylor, Terrill, Webber, N. Williams, S. Williams, Wingf. and ſeveral others, ſent Solutions to the Queſtion.

(2.) Queſt. 372, anſwered by Mr. *Stephen Roberts*.

Let a, b, and c, denote the given Numbers; and put $m =$ $n = \sqrt{x}$, and $r = \sqrt{z}$. Then (*per* 2d Equation) $r = \frac{b}{n^3}$ $= \frac{c - n^2 m}{m + n}$ *per* 3d. Which reduced, gives $m^2 - \frac{b}{n^3} m = \frac{b}{n^2}$ $-$ C □, and extracting its Root, we have $m = \frac{b}{2n^3} \pm \sqrt{\frac{b}{n} - c + \frac{b^2}{4n^6}}$ $+$ Hence $r^2 = \frac{b}{n^3} - \frac{b}{2n^3} \pm \sqrt{\frac{b}{n} - c + \frac{b^2}{4n^6}}$, theſe put for their eq in the firſt, gives $\frac{b}{2n^3} \pm \sqrt{\frac{b}{n} - c + \frac{b^2}{4n^6}} + \frac{b}{n^3} - \frac{b}{2n^3} \pm \sqrt{\frac{b}{n} - c + \frac{b}{4n}}$ $\times n = a$; ſolved $n = 5$, $m = 2$, and $r = 6$. Conſequently $y = 25$ Ye $x = 4$ Months, and $z = 72$ Inches.

Meſſ. Adcock, Clark, Dent, Draconarius, Gould, Gerrard, Harriſ Hartley, Hayes, James, King, Knowles, Lowes, Leſter, Lean, Moo Parker, Pegg, Rowbottom, Reynolds, Shadgett, Stanley, Stanton, T ratt, Taylor, Terril, Walker, Webber, Williams, Young, and ſeve others, anſwered this Queſtion.

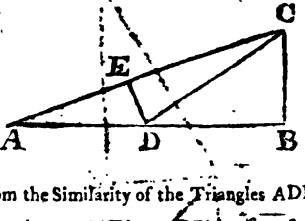
(3.) Queſt. 373, anſwered by Mr. *William Hayes*.

By multiplying the firſt and ſecond Equations together, and dividi by the third, we have $\overline{y^2 x + x^2 y}^4 = \frac{ab}{c}$; and $y^2 x + x^2 y = \overline{\frac{ab}{c}}^{\frac{1}{4}}$ which put $= r$. Again, by multiplying the ſecond and third Equatio together, and dividing by the firſt, we have $\overline{xyz}^6 \times \overline{y^2 x + x^2 y}^2 = \frac{bc}{a}$ or, $\overline{xyz}^6 \times r^2 = \frac{bc}{a}$ $\therefore xyz = \overline{\frac{bc}{r^2 a}}^{\frac{1}{6}}$, which put $= m$; alſo, b multiplying the firſt and third Equations together, and dividing by th ſecond, we have $\overline{x+y+z}^4 \times \frac{4}{y^2 x + x^2 y}^2 = \frac{ac}{b}$, or $\overline{x+y+z}^4 \times \frac{1}{r}$ $= \frac{ac}{b}$ $\therefore x + y + z = \overline{\frac{acr^2}{b}}^{\frac{1}{4}}$, which put $= n$. Then, by dividing the firſt of theſe Equations by the ſecond, we have $\frac{y+z}{x} = \frac{r}{m}$, or $y + z = \frac{xr}{m}$. And from the laſt Equation $y + z = n - x$; hence $\frac{xr}{m} = n - x$, and $x = \frac{mn}{r+m}$; whence y and z may be eaſily found.

Meſſ. Robinſon, Shadgett the Propoſer, and Spalton, anſwered thi Queſtion.

(4.) Queſt.

(4.) Queſt. 374, anſwered by Mr. *William Leſter*.



In the Triangle ABC, we have given AD $= 256 = a$, CB $= 124 = b$, and the $\angle$ DCA $= 22^\circ\ 52'$, as alſo the right $\angle$ ABC $= 90^\circ$. Put the Co-tangent of the $\angle$ ACD $= t$, draw DE perpendicular to AC, put DE $= x$, and (*per* 47 *Eu.* 1.) $\overline{\overline{AD}^2 - \overline{DE}^2}^{\frac{1}{2}} =$ AE; *i. e.* $\overline{a^2 - x^2}^{\frac{1}{2}} =$ AE. Then, from the Similarity of the Triangles ADE and ABC (EC $= tx$ *per* Trig.), we have a (AD) : x (DE) :: $\overline{a^2 - x^2}^{\frac{1}{2}}$ $+ tx$ (AC) : b (CB), and *per* Means and Extremes $x \times \overline{a^2 - x^2}^{\frac{1}{2}} + tx = ab$. Solved $x = 75{,}0841$, from which we find AC $= 422{,}777$, CD $= 193{,}222$; BD $= 148{,}187$; the $\angle$ ACB $= 72^\circ\ 56'\ 40''$; and BCD $= 50^\circ\ 4'\ 40''$, from whence all required may be eaſily had.

The ſame anſwered by Mr. *John Harriſon*, the Propoſer.

I have ſince found a Queſtion ſimilar to this in *Emerſon's* Algebra, though unknown to me at that Time: from whence derives the following Solution.

Let AD $= a$, BC $= b$; $t =$ Tang. ACD, DB $= x$. Then (by Trigonometry) $b : 1 :: x : \frac{x}{b} =$ Tang. DCB; and (*per* Prop. 8. of *Emerſon's* Trigonometry) $1 - \frac{tx}{b} : 1 :: t + \frac{x}{b} : \frac{bt + x}{b - tx} =$ Tang. of BAC; whence $1 : b :: \frac{bt + x}{b - tx} : x + a$. Whence $bx + ba - tx^2 - tax = bbt + tx$. Reduced, and ſolved $x = \sqrt{\frac{ba}{t} - bb + \frac{a^2}{4}} - \frac{a}{2} = 148{,}186 =$ DB, Whence DC $= 193{,}2229$; AC $= 422{,}779$; and the Angle BAC $= 17^\circ\ 3'\ 21''$; and the Angle ADC $= 140^\circ\ 4'\ 39''$, and the $\angle$ CDB $= 39^\circ\ 55'\ 21''$, and $\angle$ DCB $= 50^\circ\ 4'\ 39''$. W. W. R.

Meſſ. Adcock, Draconarius, Gemini, Gerrard, Gloſſop, Haſtings, Hayes, Hedley, Knowles, Lowes, Moore, Parr, Reynolds, Roberts, Rotheram, Rowbottom, Spalton, Stanley, Stanton, Taylor, N. Williams, S. Williams, and Young, anſwered the above.

(5.) Queſt. 375, anſwered by Mr. *William Terril*.

Put $y = x^x$. Then $3y = 3x^x =$ AB; $y^2 = x^{2x} =$ BD; and $y^3 = x^{3x} =$ BC; let fall the Perpendiculars DE and DF, then it is evident (*per* Queſt.) that the $\angle$ DBC $=$ the $\angle$ DBA, and the ſide

$FB = BE = ED = DF = \sqrt{\frac{y}{2}}$

put the $\sqrt{2} = m$; then (*per sim.*

as $CE : DE :: CB : AB$; that is,

$: \frac{y^2}{m} :: y^3 : 3y \therefore 3y^3 - \frac{3y^3}{m}$

$3y - \frac{3}{m} = \frac{y^2}{m}$; whence, by c

the □, &c. y is found $= 3,34$

$= 10,038195 = AB$; $y^2 =$

$= BD$, and $y^3 = 37,463053 =$

the Content $= \frac{AB \times BC}{2} = 4$

$= 188,030715$ Chains $= 18$ A. 3 R. 8,49 P. as was requi

The same answered by Mr. *William Stanley*, the Propo

Let ABC (see Fig. above) represent the triangular Field; pu

nat. Sine of 45°, and $y = x^x$, then $3y$ will $= AB$, and y

$= AC$; and $y^2 = x^{2x} = BD$, the Line bisecting the Ri

Then $3y \times y^2 \times \frac{a}{2} = \frac{3ay^3}{2} =$ the Area of the △ AB

$y^3 \times y^2 \times \frac{a}{2} = \frac{ay^5}{2} =$ the Area of the △ ACD. And

$= \frac{3y^4}{2} =$ the Area of ABC, the whole triangular Field

$3ay^3 + ay^5 = 3y^4$. This reduced, we have $y^2 - \frac{3y}{a}$

Solved, y is found $= 3,346064$, &c. Chains. Whence the C

square Chains is 188,0097961755 7, &c. $= 18$ A. 3 R. 8,4

which was required.

Mr. *John Knowles* answers the same, thus:

Continue AC to $D = CB$, dr

Put $x^x = y$; then $AC = y^3$; C

$= CD$; and $EC = y^2$; and we sh

$y^3 : y^2 :: y^3 + 3y : \sqrt{18y^2} \therefore y^3$

$= y^5 + 3y^2$; whence $y = \sqrt{27} + 6 = 11,1961$; and $y =$

$3y = 10,038$; $y^3 = 37,4618$; and the Area $= 18$ A. 3 R. 8

Mess. Adcock, Dracoparius, Gerrard, Harrison, Hartley, Haye

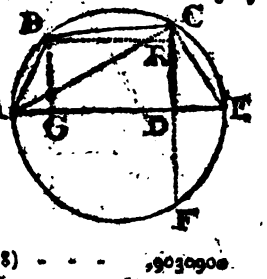
ley, Lowes, Reynolds, Rotheram, Tarratt, Young, &c. sent S

to the above.

(6.)

(6.) Queſt. 376, anſwered by *Diaconorius*.

Let (Schol. 5. 4. *Eu.*) the Circle be deſcribed about the Figure, making AD Part of the Diameter, and DE the reſt; join E, C, A, and produce CD to F. Draw AC and EC.



And, put $AE = d = 40$, CD (3. 3. *ibid.*) $= DF = s = 16$, and $DE = x$. Then $AD = d - x$, and (35. 3. *ibid.*) $AD \times DE = (CD \times DF) - \overline{CD}^2$; or $dx - x^2 = s^2 + s\sqrt{x^2 - dx}$ $= -s^2$; C □, $x^2 - dx + \frac{1}{4}d^2 = \frac{1}{4}d^2 - s^2$; extr. $x - \frac{1}{2}d = \sqrt{\frac{1}{4}d^2 - s^2}$; and $x = \frac{1}{2}d \pm \sqrt{\frac{1}{4}d^2 - s^2}$ $= 8$, $\therefore AD = (d - x =) 32$.

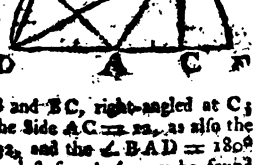
DE (8) - - - -	,9030900
Radius - - - - -	10,
CD (16) - - - -	1,2041200
Tang. ∠ E 63° 26′	10,3010300

Then (22. 5. *ibid.*) $180° - (63° 26' = \angle E) = \angle B$ 116° 34′; for whoſe Coſine put c. Now $(\sqrt{\overline{AD}^2 - \overline{DC}^2} =) AC = \sqrt{1280}$; which call b. Let Radius $= r = 1$, $AB = x$, and BC is $= 2,5\,x$. Whence (7. 2. *Emerſon's* Trig.) $2\,AB \times BC : \overline{AB}^2 + \overline{BC}^2 - \overline{AC}^2 ::$ Radius : Coſ. ∠ B; *i. e.* $5x^2 : 7,25x^2 - b^2 :: r : c$. $\therefore 5cx^2 = 7,25x^2 r - rb^2$; by Tranſp. $7,25rx^2 - 5cx^2 = rb^2$; dividing $x^2 = \frac{rb^2}{7,25r \pm 5c}$, $x = \sqrt{\frac{rb^2}{7,25r \pm 5c}} = 11,61$; and then $BC = (2,5\,x =)$ 29,02.

Wherefore, the Area of the Field $= \left(\frac{AB \times BC}{2} \cdot \angle B + \frac{AD \times CD}{2}\right.$ $=) 406,674$ ſquare Chains $= \left(\frac{406,674}{10}\right) = 40$ A. 2 R. 26 Perch.

Mr. *William Leſter* anſwers the ſame, as under:

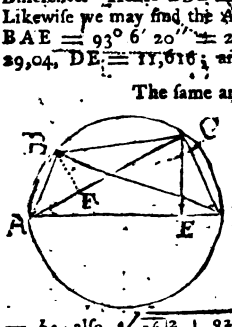
With the given Radius $= 20$, deſcribe the Semicircle DE B F, wherein is given the Radius $DA = AB = AE = 20$; BC, a Right-line to Semicircle $= 16$; and the Ratio of DE to EB (viz.) 1 : 2,5, to determine the Sides CD, DE, EB; as alſo in the Area of the Figure DEBCD.



In the △ ABC, is given the Sides AB and BC, right-angled at C; from which may be found (*per* Trig.) the Side AC $= 22$, as alſo the ∠ BAC, 53° 7′ 48″. Hence CD $= 32$, and the ∠ BAD $= 180° - \angle BAC = 126° 52' 12''$; from this laſt found ∠ may be found the ∠ BED $= 180° - \frac{BAD}{2} = 116° 33' 54''$. From which, and

the Ratio of DE to EB, may be found the ∠s BDE and E B
as 1 : 2,5 (the given Ratio of DE to EB) :: the Tangent of h
of the Angles EDB and EBD $= \frac{BAD}{2}$ is to the Tangent of th
Difference. Hence BDE $= 46° 33' 10''$, and EBD $= 16° 5$
Likewise we may find the Angles DAE $= 33° 45' 52'' = 2$ EI
BAE $= 93° 6' 20'' = 2$ BDE (see *Euclid*, 3. 20). Hence
29,04, DE $= 11,616$; and the Area 40 A. 2 R. 37,8 Perch

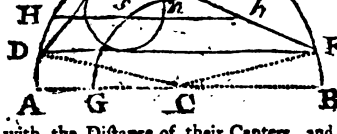
The same answered by Mr. *Patrick Hall*.



First draw the Circumference AE
then the Lines AC, BD, and CD
let AB $= x$, therefore BC $= 2,5$
put AE $= y$, 40 $= a$, then ED $=$
therefore $40 - y \times y = \overline{10}^2$, a
$= y = 32$, and ED $= 8$. The
47. *Eu.* 1.) $\overline{AE}^2 + \overline{CE}^2|^{\frac{1}{2}} =$
or $\sqrt{\overline{32}^2 + \overline{10}^2} = 35,777 =$
$= b$; also $\sqrt{\overline{16}^2 + 8^2} = CD = 17,888 = c$, and B
$\sqrt{a^2 - x^2}$. Then (*per Simpson's* Geometry, B. 3. Theorem
$c \times x + a \times 2,5x = \sqrt{a^2 - x^2} \times b$. Reduced, gives
$\sqrt{\frac{a^2 b^2}{c^2 + 5ac + 6,25a^2 + b^2}} = 11,6161$ Ch. $= AB$. From w
the Area of the Field is easily found $= 40$ A. 2 R. 30 P.

Messr. Acon, Edwins, Garrard, Glossop, Harrison, Hartley, Haf
Hayes, King, Knowles, Lean, Lowes, Moore, Parr, Pegg, Reyr
Rotheram, Rowbottom, Spalton, Stanton, Tarratt, Terril, Wa
N. Williams, S. Williams, and others, sent Solutions to the above

(7.) Quest. 377, answered by Mr. *Ex. Walker*.



Let ADEFD be th
circumscribing Circle given,
AB its Diameter; make
∠ ACD = the Differen
the vertical ∠ and a Ri
angle; from D draw DF
AB, which will be the
of the Triangle sought
16. 3. *Simpson's* Geomet
with the Distance of their Centers, and Foot in C, describe the A
G *n*, draw H *b* || at the Distance of the Radius of the inscribed Ci
from it, and where it cuts the Arch G *n* (as at *s*), will be the Cente
the said inscribed Circle; draw DE, EF, touching the inscribed Cir
and it is done.

Method of Calculation.

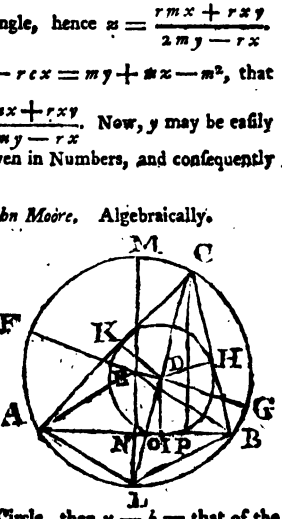
In the ∠ DCF is given DC and CF, and all the Angles, whence
Base becomes known; then we have given the Base of a △, and the D
met

meters of the inſcribed and circumſcibed Circles, to find the Sides; which is the ſame as Prob. 114. *Emerſon's* Algebra, to which for Brevity's ſake I ſhall refer.

The ſame anſwered by Mr. *Ra. Lowes.*

Put x Rad. of the circumſcribing Circle, and $x - a$, that of its inſcribed; s and c = Sine and Cof. of the vertical $\angle$; then sx = half the Baſe, and cx = Diſtance of the Center of the circumſcribing Circle, and the Middle of the Baſe; let the Diſtance of the Circle's Centers $= b$, and $2z$ and $2y$ the two Sides of the $\triangle$; then $\frac{2zy}{x}$ = Perpendicular, and $x^2 - 2sx^2 \times x - a = b^2$. Hence x will ſoon be got, when a, b, and s, are aſſigned Numbers; conſequently, the Rad. of the inſcribed Circle and Baſe of the $\triangle$ will become known alſo. Put r = Rad. of the inſcribed Circle, and m = half the Baſe, then $\frac{2mzy}{x} = rm + rz + ry$ = Area of the Triangle, hence $z = \frac{rmx + rxy}{2my - rx}$. But $\frac{y + z - m}{x - cx} \times m = r$; or $rx - rcx = my + mz - m^2$, that is, $z^2 = \frac{rx - rcx + m^2 - my}{m} = \frac{rmx + rxy}{2my - rx}$. Now, y may be eaſily obtained, when c, m, r, and x, are given in Numbers, and conſequently z alſo.

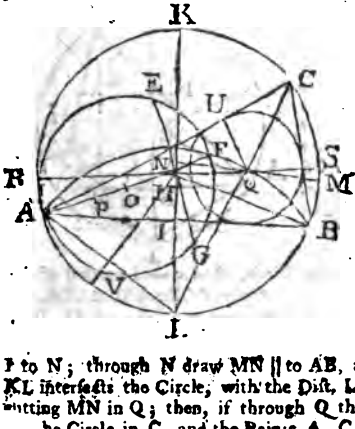
The ſame anſwered by Mr. *John Moore*, Algebraically.



Let ABC be the required Triangle, D and E the Centers of the inſcribed and circumſcribing Circles; join DE, which produce to F and G; and from D draw the three Perpendiculars DH, DI, DK; alſo draw CD, which produce to L, join AL, and BL, draw the Diameter LM $\perp$ AB; and draw CP $\perp$ AB. Put nat. Sine $\angle$ ACB (to Rad. 1) $= m$, its nat. Cof. $= n$, the nat. Sine ACL = BCL $= r$, its nat. Cof. $= s$, DE $= a$ = Diſtance of the Centers; b = Diff. of the Radii's, x = Rad. of circumſcribing Circle, then $x - b$ = that of the inſcribed Circle. Now (*per Eu.* 20. 3.) Angles ACB=LEB=LEA, and $\angle$s ACL=BCL=LAB=LBA, ſtanding upon equal Arches AL, BL; from whence it appears the Triangles ACL, OAL are ſimilar, having the $\angle$ L common to both; and, from the ſame Reaſons, the Triangles LCB, LBO, are ſimilar. Now, as $r : x - b$ (DK) $:: 1 :$ CD $= \frac{x - b}{r}$, and (*per Eu.* 35. 3.) $\overline{x + a} \times \overline{x - a} = \frac{x - b}{r} \times$ DL; therefore DL

$= \frac{rx^2 - ra^2}{x - b}$; then $CL = \frac{\overline{r^2 + 1} \times x^2 - 2bx + b^2 - a^2r^2}{rx - br}$ (which put $= A$); and as $1 : x$ (BE) (:: m : BN $= xm$) :: n : NE $= nx$ ∴ LN $= \overline{1 - n} \times x$. Then as $s : 1 :: nx$ (BN) : BL $= \frac{xn}{s}$ $= AL$; but (*per* fim. Triangles) as A (CL) : $2x$ (LM) :: $\overline{1 - n} \times x$ (LN : LO) $=$ (by putting $1 - n = d$) $\frac{2dx^2}{A}$ ∴ CO $= \frac{A^2 - 2dx^2}{A}$; And (*per* Eu. 47. 1.) NO $= \overline{LO^2 - LN^2}^{\frac{1}{2}} = \frac{dx}{A}\sqrt{4x^2 - a^2}$ ∴ AO and BO $= (AN \pm NO) = mx \pm \frac{dx}{A}\sqrt{4x^2 - A^2}$; the upper Sign giving the Value of AO, and the other that of BO. Now (*per* fim. Triangles), as $\frac{mx}{s}$ (AL) : A (CL) :: $mx \pm \frac{dx}{a}\sqrt{4x^2 - A^2}$ (AO and BO) : A : $\pm \frac{ds}{m}\sqrt{4x^2 - a^2}$ = the Sign $+$, giving the Value of AC, and the other that of BC. Now, $\overline{AB + AC + BC} \times DH = 2As + 2mx \times x - b =$ double Area. But (*per* fim. $\triangle$s), as $2x$ (LM) : A (CL) :: $\frac{A^2 - 2dx^2}{A}$ (CO) : CP $= \frac{A^2 - 2dx^2}{2x}$ ∴ AB × CP $= A^2m - 2dmx^2 =$ double Area. Now (*per* Equality), $2As + 2mx \times x - b = A^2m - 2dmx^2$, from which all may be determined.

The same answered by Mr. *Mich. Taylor* (the Propoſer). Geometrically.



Upon any Point O, with an Interval equal to the given Diff. of the Radii, let a Circle AEFG be deſcribed, in which apply EG $=$ twice the Diff. of their Centers; biſect EG in H with the Diameter FHOA; then with the Rad. AH, and Center H, deſcribe the Circle AKCBLA; and make $\angle$ HAI $=$ the Comp. of the given vertical $\angle$, draw and biſect AB with the indefinite $\perp$ KL; take FO, ſetting it from H to P, then will AP be the Rad. of the inſcribed Circle, which ſet from P to N; through N draw MN $\parallel$ to AB, and upon L, the Point where KL interſects the Circle, with the Diſt. LA, deſcribe the Arch AQB, cutting MN in Q; then, if through Q the Line LQC be drawn, meeting the Circle in C, and the Points A, C, and B, C, be joined, ACB is the Triangle required.

N. B.

N.B. With the Rad. of the inſcribed Circle in P, and one Foot in Q, deſcribe a Circle; and if it touches the Sides of the required △ ABC, the Figure is truly conſtructed; otherwiſe not.

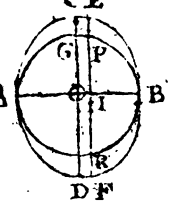
Solution Algebraically.

Let the Lines RQS, and QU be drawn, putting s, p = Sine and Cof. $\frac{1}{2}$ the vertical ∠ ACB, RH − QU = d, QH = c, and RH = x; then QU = $x - d$, and $s : x - d :: 1 : \frac{x-d}{s}$ = CQ. Now (by *Eu.* 3. 20.), ∠ ACL = ∠ ANV, ∴ $1 : x :: s : sx$ = AV; conſequently 2 AV = AL = QL (by Conſtruction) = $2sx$. Whence (by *Ex.* 3. 35.) CQ × QL = RQ × QS, *i. e.* $\frac{x-d}{s} \times 2sx = x+c \times x-c$. Hence $x = d + \sqrt{d^2 - c^2} = R$; and thence $\sqrt{d^2 - c^2} = QU = r$. Whence (by *Landen's* Lucubrations, p. 13.) $AB = \frac{4rR\sqrt{c^2 - r^2}}{c^2} = b$; and (by p. 7.) $AC = b + \sqrt{b^2 - r^2 - 2rR \pm 2r\sqrt{R^2 - b^2}} + \frac{r^2 \pm \sqrt{R^2 - b^2}}{b}$; and conſequently $BC = b - \sqrt{b^2 - r^2 - 2rR \pm 2r\sqrt{R^2 - b^2}} + \frac{rR \pm \sqrt{R^2 - b^2}}{b^2}$ As required.

(8.) Queſt. 378, anſwered by Mr. *Robert Arnold.*

Put x = Solidity of the greater Part, and y = Solidity of the leſſer Part; p = 50265,6, n and m = the Exponents of x and y.

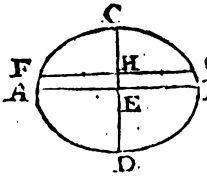
Then (*per* Queſt.) $x^n y^m$ = a Max. Flux'd $nx^{n-1} y^m \dot{x} + m x^n y^{m-1} \dot{y} = 0$. Then $x = p - y$, Flux. $\dot{x} = \dot{y}$. By Subſtitution, and Reduction, we get $x = \frac{np}{m+n}$ = 30159,36, and $y = \frac{mp}{m+n}$ = 20106,24. Again, put a = 30 = CO = ½ the Axis of Rotation; b = 20 = AO = ½ the revolving Axis; c = 7854, x = OI; and $\frac{50265,6}{2} - 20106,24 = 5026,56 = r$. ∴ $\frac{50265,6}{5236 \times 40^2} = 60$. Then (*per* Prop. of Ellipſis), as $b^2 : a^2 :: b + x \times b - x : \frac{a^2 \times b^2 - x^2}{b^2} = EI^2$. And (*per* Prop. of the Circle), as $b + x \times b - x = \sqrt{b^2 - x^2} = IP$, $\frac{2a}{b}\sqrt{b^2 + x^2} = EF$, and $2\sqrt{b^2 - x^2} = PR$, conſequently $\frac{2a}{b} \times \sqrt{b^2 - x^2} \times 2\sqrt{b^2 - x^2} \times c \times = r$.



$= r$. By Reduction we get $4al^2c\dot{x} - 4acx^2\dot{x} =$ Fluxion of the Solidity, whose Fluent is $4ac \times l^2x - \frac{1}{3}a^3 = br$. Put in Numbers, and divided by the Coefficient of the highest Power, gives $x^3 = 12000x$ $= -3200$. Reduced, gives $x = 2{,}683$; whence $\frac{4ac}{b} \times b^2 + x^2$ $= 1851{,}03 =$ the Area of the interfecting Plane.

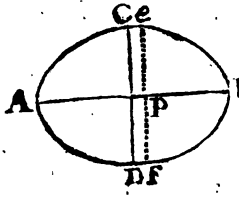
Corollary. Hence it appears from above, that any Quantity to be divided into two Parts, so that any Power of one Part, multiplied by any Power of the other, is to be a Maximum, it will always be $\frac{mp}{m+n}$ the one Part, and $\frac{np}{m+n}$ the other: If we suppose $p =$ any given Quantity, and m and n the Exponents of the Powers of the two Parts.

The same answered by Mr. *Stephen Williams*.



In the Spheroid A C B D A is given C D $= 40$, and the Solidity $= 50265{,}6$. Then $\frac{50265{,}6}{40 \times 40 \times {,}5230} = 60 =$ AB. Let $n =$ 0265,6, and $x =$ FGBDAF the greater Frustum, then will $n - x =$ lesser; but $\overline{n-x}^6 \times x^9$ must be a Maximum. In Fluxions $-6\dot{x} \times \overline{n-x}^5 \times x^9 - 9x^8\dot{x} \times \overline{n-x}^6 = 0$. Reduced, $x = \frac{3n}{5}$, and the lesser $\frac{2n}{5}$. Now, to find the Altitude C H of the lesser Part, cut off $\parallel$ to AB, the Transverse or Length, let AB $= 60 = a$, CD $= 40 = b$, CH $= x$; then (*per* Conic Sections) we have $\frac{a}{b}\sqrt{bx - x^2} =$ Semitransverse HG; and as $a : b :: \frac{a}{b}\sqrt{bx-x^2} : \sqrt{ox-x^2}$, the Semiconj. Then $\frac{pa}{b} \times b^2 - x^2$ $=$ Area of the Section, and $\frac{pa}{b} \times bx\dot{x} - x^2\dot{x} =$ Fluxion of the Solid, whose Fluent is $\frac{pa}{b} \times \frac{l^2}{2} - \frac{x^3}{9} = \frac{2n}{5}$. Solved, $x = 17{,}3172 =$ CH, and the Area of the Section is $= 1852{,}0427$.

Mr. *Patrick Hall* gives the following Solution.



Let $p = 3{,}14159$, $t =$ Transverse, $c = 40 =$ conjugate Axe, then $\frac{1}{6}ptc^2$ $= 50265{,}6$, and $t = \frac{50265{,}6}{\frac{1}{6}pc^2} = 60$ $=$ Transverse $=$ AB; then (*per Hutton's* Mensuration, p. 28.) the Solidity AC*e*f D will be $\frac{60}{2} \times 3$, or $(90) - x \times \frac{x^2}{3} \times 3{,}14159$ $=$

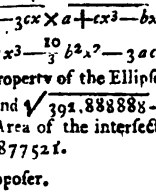
$= \frac{282,7437x^2 - 3,14159x^2 \times \left(\frac{7}{60}\right)^2}{3}$, or $\left(\frac{1}{15}\right)^2 \times \frac{282,74,21x^2 - 3,141592x^2}{675}$

$= 41,8878666x^2 - ,4654207x^3$.

Again, put $41,8878666$, &c. $= b$, $-,4654207 = c$, and $a = 50265,6$. Then the Solidity of the greater Part $bx^2 - cx^3$, and the leſſer $a + cx^3 - bx^2$, by making $x =$ the Height of the greater Segment.

Then (*per* Queſt.) $\overline{bx^2 - cx^3}^9 \times \overline{a - cx^3 - bx^2}^6 =$ a Maximum; this Equation in Fluxions is $18bx\dot{x} - 27cx^2\dot{x} \times \overline{bx^2 - cx^3}^8 \times \overline{a + cx^3 - bx^2}^6 + 18cx^2\dot{x} - 12bx\dot{x} \times \overline{a + cx^3 - bx^2}^5 \times \overline{bx^2 - cx^3}^9 = 0$. Then, by Diviſion, we have $26 - 3cx \times a + cx^3 - bx^2 + 2cx - \frac{7}{3}b \times bx^2 - x^3 = 0$; or $-5c^2x^4 + \frac{25}{3}bcx^3 - \frac{10}{3}b^2x^2 - 3acx = -2ba$. Reduced, gives $x = 34$. Then (*per* Property of the Ellipſe) $30^2 : 20^2 :: 26 \times 34 : ex^2 = 392,888888$, &c. And $\sqrt{392,888888} + = 19,8214424$; then $ef = 30,642848$, and the Area of the interſecting Plane is $39,642848^2 \times ,78539 = 1234,283887752$.

Anſwered by Mr. *G. Gloſſop*, the Propoſer.

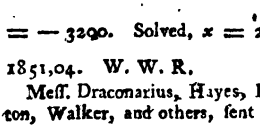


Let $x =$ greater Part, $y =$ the leſſer, and $s = 50265,6$; $m = 9$ and $n = 6$. Then $x + y = s$; whence $x = s - y$; in Fluxions $-\dot{y} = \dot{x}$; and (*per* Queſt.) $x^m y^n = $ Max. in Flux. $my^n x^{m-1}\dot{x} + n^m x y^{n-1}\dot{y} = 0$. Reduced, $-\dot{y} = \frac{my\dot{x}}{nx}$, $\because \frac{my\dot{x}}{nx} = \dot{x}$; whence $y = \frac{nx}{m}$. And by ſubſtituting $s - y$ for x its Equal, gives $y = \frac{ns - ny}{m}$; whence $y = \frac{ns}{m+n} = \frac{2s}{5} = 20106,24$; and $x = \frac{ms}{m+n} = \frac{3s}{5} = 30159,36$. Now, $\frac{s}{2} = 25132,8$, and $25132,8 - 20106,24 = 5026,56 =$ the Solidity of the Part BCHL; which let be $= A$. And $\frac{s}{,53216 \times 40^2} = 60$, the Axis of Rotation; put $x =$ OG, $a = 30 =$ $\frac{1}{2}$ Axis of Rotation, $c = 20 = \frac{1}{2}$ the revolving Axis, and $a = ,7854$. Then (by Prop. Ellipſis) $c^2 : a^2 :: c^2 - x^2 : \frac{a^2c^2 - a^2x^2}{c^2} = \overline{GC}^2$, $\because \sqrt{\frac{a^2c^2 - a^2x^2}{c^2}} =$ CH. And (by Prop. Circle) $\overline{c + x} \times \overline{c - x} = c^2 - x^2 = \overline{GD}^2$, $\because 2\sqrt{c^2 - x^2} =$ DF; whence $2\sqrt{\frac{a^2c^2 - c^2x^2}{c^2}} \times 2\sqrt{c^2 - x^2} \times a = 4a \times \frac{a^2 - ax^2}{c} =$ the Area of the Plane required;

quired; which, multiplied by $\dot{x}$, gives $\frac{ax^2\dot{x} - ax^2\dot{x}}{c} \times 4a$. The Fluent is $4a \times \frac{ax^2x - \frac{1}{3}ax^3}{c} = A$. Reduced, and in Numbers, $x^3 - 1200x = -3290$. Solved, $x = 2,683$; Whence $4a \times \frac{\overline{ax^2 - ax^2}}{c} = 1851,04$. W. W. R.

Meſſ. Draconarius, Hayes, Hedley, Lean, Muſcroft, Reynold, Spalton, Walker, and others, ſent Solutions to this Queſtion.

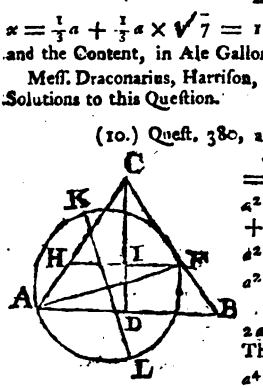
(9.) Queſt. 379, anſwered by Mr. *G. Gleſſop*.



Let $2a = AD = 3$, and $x = BC$; then (by the Queſt.) $a - \frac{1}{3}x = BE$; and by the Rule for finding the Solidity we have $4a^2 + 2ax + x^2 \times a - \frac{1}{3}x = D$ = a Maximum. Fluxed, and reduced, $x = \frac{1}{3}a + \frac{1}{3}a \times \sqrt{7} = 19,444$. Whence $a = \frac{1}{3}x = 9,5287$; and the Content, in Ale Gallons, 17,8826.

Meſſ. Draconarius, Harriſon, Muſcroft, Parr, Stanley, and Taylor, ſent Solutions to this Queſtion.

(10.) Queſt. 380, anſwered by Mr. *James Young*.



Put $AB = 150 = a$, $,7854 = b$, $541926 = c$, $3x$ = the Height DC; then will a^2bx = the Solidity, and $2ab\sqrt{9x^2 + \frac{1}{4}a^2} + 3a^2b$ = the Superficies, and (*per* Queſt.) $a^2bx = 2ab\sqrt{9x^2 + \frac{1}{4}a^2} + a^2b + c$; or, $a^2bx - a^2b - c = 2ab\sqrt{9x^2 + \frac{1}{4}a^2}$. Let $a^2b + c = d$; then $a^2bx - d = 2ab\sqrt{9x^2 + \frac{1}{4}a^2}$; and, by ſquaring, &c. Then $a^4b^2 - 36a^2b^2x^2 - 2da^2bx = a^4b^2 - d^2$; from which Equation $x = 31\frac{1}{3}$ or $30\frac{9}{9}\frac{e}{6}$, or rather $33\frac{1}{3}$; then $3x = 100$ = the Height CD; then CB $= 125 = a$, CD $= 100 = b$, AB $= 150 = 2c$, and CF $= x$. Then (*per* ſim. Triangles) a (CB) : b (CD) :: x (CF) : $\frac{2c}{a}x = FH$; and a (CB) : b (CD) :: x (CF) : $\frac{b}{a}x = IC$.

But it is well known that $\sqrt{AB \times FH} = KL$, *i. e.* $2c\sqrt{\frac{x}{a}} = KL$, and (*per* 2d Ed. p. 308. of *Simpſon's* Algebra) $KL \times AB \times IC \times ,2618 = \sqrt{\frac{16b^2c^4x^3}{a^3}} \times ,2618$ = the Solidity of the oblique Elliptic Cone AFG; and alſo $\overline{FH}^2 \times IC \times ,2618 = \frac{4bc^2x^3}{a^3} \times ,2618$ = the Solidity

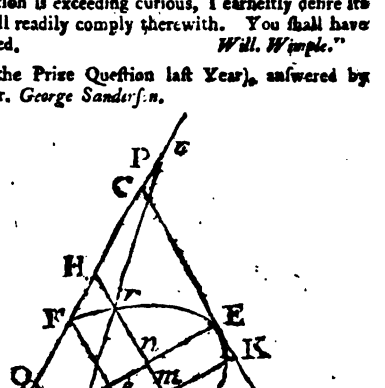
lidity of CFH; and therefore their Difference $\sqrt{\frac{16b^2c^4x^3}{a^3}} \times ,2618 - \frac{4bc^2x^3}{a^3} \times ,2618 =$ the Solidity of AFH, which (*per* Queſt.) = Maximum, or $\sqrt{\frac{16b^2c^4x^3}{a^3}} - \frac{4bc^2x^3}{a^3} =$ a Max. In Fluxions, and reduced, we ſhall have $x = \sqrt[3]{\frac{1}{4}a^3} = 78,745 =$ CF.

Meſſ. Rotheram and Taylor ſent Solutions to this Queſtion.

(11.) As to this Queſt. 381, there is not one Contributor to this Diary that has even attempted a Solution to it: It is true, the Propoſer Mr. *William Wimple* did not (agreeably to the Advertiſement) ſend a Solution along with it, only the following Poſtſcript to his Letter. (*viz.*)

"*N. B.* As this Queſtion is exceeding curious, I earneſtly deſire its "Inſertion, and hope you'll readily comply therewith. You ſhall have "my Solution when inſerted. *Will. Wimple.*"

(12.) Queſt. 382 (being the Prize Queſtion laſt Year), anſwered by Mr. *George Sanderſon*.



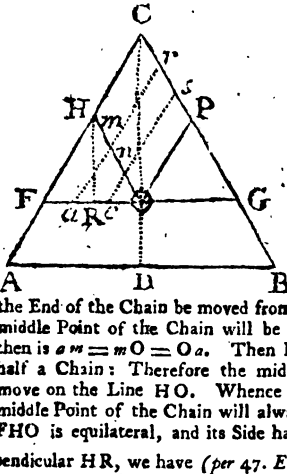
Let ACB be a Triangle ſimilar to the given one, and Side AC = AB = B = one Chain = 100 Links; then, if AE be drawn to biſect CB, and FG to biſect AC and AB in the Points F and G, it is plain (by Inſpection) that the Point E will be the Vertex of the Curve, when the Chain coincides with CB; and E*e* will be the greateſt Abſciſſa, and EG the greateſt Ordinate, of the Curve FrEG. Let DF be any other Poſition of the Chain, and through the middle Point *r* draw *Hrk* parallel to CB, and DO and DK parallel to CB and AE; then, becauſe of parallel Lines (and HI and DO, as well as CB and FG, are biſected by the Perpendicular AE), $Hr = \frac{1}{2}DO = Dn = mn$, and $mn + rn = Hr + rn = nn + nI$. From both Sides of the laſt Equation, ſubtract the equal Quantities Hr and *mn*, and there remains $rn = nI$. But the Triangles AEB and DnI are ſimilar, and $EB = \frac{1}{2}AB$; conſequently $nI = \frac{1}{2}DI$, or $rn = \frac{1}{2}DI$.

Put $EB = rD = a$, $AE (= 2Ee) = b$, $En = x$, $rn = nI = y$; then (*per* ſim. Triangles) $b\,(AE) : a\,(EB) :: b - x\,(An) : \frac{ba - ax}{b} =$ $Hr = rn$; but $a^2 - \frac{2ax^2 + x^3}{b} = 3y^2$, or $\overline{rD}^2 - \overline{rn}^2 = \overline{DI}^2 - \overline{nI}^2$;

Where

wherefore $\frac{2ba^2x - a^2x}{3a^2} = y^2$. But (by a known Property of the Triangle) $\overline{EB}^2 = \frac{1}{3}\overline{AL}^2$. Whence (by taking $\frac{1}{3}b^2$ instead of a^2, its Equal in the laſt Equation) it will be $\frac{2bx - x^2}{9} = y^2$, or $\frac{1}{3} \times \sqrt{2bx - x^2} = y$; this multiplied by $\dot{x}$ is $\frac{1}{3} \times \dot{x}\sqrt{2bx - x^2} = \dot{x}y$, the Fluxion of the Space $FrEe$, when $\dot{x} = Ee = \frac{1}{2}b$, and the Fluent $= \frac{1}{3} \times \frac{1}{2}b\sqrt{b^2} \times \frac{2}{3} - \frac{b}{2.5.2^0} - \frac{b^2}{4.4.7.4^2} - \frac{3b^3}{4.6.9.8.8^3}$, &c. $= 767,73088$, ſquare Links multiplied by 2, gives 1535,46176 ſquare Links for the Area of the whole Space $FrEG$: to which add 1082,53176, &c. the Area of the Triangle FAG, and the Sum is 2167,993 2, &c. ſquare Links for the whole Content of the Fiſh-pond. From the Area of the given Triangle (whoſe Side is 5 Chains) ſubtract the Area of the Fiſh-pond, and there remains 105635,1815, &c. ſquare Links for the Area of the Garden.

The ſame anſwered by Mr. *James Muſcroft*.



Firſt, let $FG =$ one Chain, then draw $HO \parallel$ to CG, and draw OP, rs, ar, $\parallel$ to FC. Then it is evident, that if one End of the Chain be faſtened at F, and the other End moved towards C, ſuppoſe to P, that the middle Point of the Chain will not be moved: But as ſoon as the End of the Chain is moved from P towards C, ſuppoſe to s, then the middle Point of the Chain will be at n; for $Fc + cn = Fc + cO$. Then is $cn = nO = Oc$. By the 17 Theorem of the 4th Book of *Simpſon's* Geometry. Again, if the End of the Chain be moved from s towards C, ſuppoſe to r, that the middle Point of the Chain will be at m; for $Fa + am = Fa + aO$; then is $am = mO = Oa$. Then HO and OP will always be equal to half a Chain: Therefore the middle Point of the Chain will always move on the Line HO. Whence (by the ſame way of Reaſoning) the middle Point of the Chain will always move on the Line OP. And as FHO is equilateral, and its Side half a Chain, by letting fall the Perpendicular HR, we have (*per* 47. *Eu.* 1.) $\sqrt{\overline{OH}^2 - \overline{OR}^2} = RH = 43,31325$ ∴ the Area of the Triangle $FHO = 10,7179$; the Area of the Pond $HOPC = 21,1837$ Links. Again (*per* 47. *Eu.* 1.), $\sqrt{\overline{CB}^2 - \overline{BD}^2} = CD = 4$ Ch. $33\frac{11}{863}$ Links; and the Area of the Triangle $ABC = 10$ Ch. $82\frac{459}{863}$ Links ∴ 10 Ch. $82\frac{459}{863}$ Links $- 21\frac{52}{863}$ Links $= 10$ Ch. $60\frac{648509}{716269}$ Links $= 1$ A. 0 R. $7,344\frac{614246}{716269}$ Perches $=$ the Area of the Land remaining for the Garden.

Meſſ. Arnold, Carrington (poetical), Gloſſop, Hedley, and Rotheram, ſent Solutions to this Queſtion.

New

New Mathematical Queſtions to be anſwered in the next Year's Diary.

(1.) Queſt. 383, by Mr. *John Shadgett*.

Ye, who can by the Pow'r of myſtic Lore,
The unknown Depths of Algebra explore,
And by new Methods wond'rouſly impart
The hidden Truths of that myſterious Art;
From the Equations * by a Method true,
The Values find of x and w;
Their Product, juſt a Lady's Age will ſhew.

* Given,
$$\sqrt[3]{x^2} \times \sqrt{x^3} = 2x^2.$$
$$\sqrt{2xw} = x \times \sqrt[3]{w}.$$

(2.) Queſt. 384, by Mr. *Stephen Roberts*.

Long time I've ſigh'd *Matilda*'s Love to gain,
Yet ſtill re-echoing Sighs reward my Pain!
The cruel Fair one, to augment my Rage,
Has wrapt in * myſtic Terms her blooming Age:
And ſays, till I from thence her Years can find,
She'll to my Cries be deaf--my Tears be blind:
Help me! ingenious GENTS! I muſt apply
To you! or, for her ſake—I needs muſt die!

* Given,
$$\sqrt{x} + \sqrt{yz} = 11.$$
$$\sqrt{xy} + x\sqrt{z} = 65.$$
$$\sqrt{xyz} + z\sqrt{y} = 42.$$
x ſhews her Age in Years,
y the Months, and
z the Day ſhe was born.

(3.) Queſt. 385, by Mr. *William Hayes*.

A Gentleman has a Garden, which is exactly ſquare; in the two oppoſite Corners of it ſtand two Trees (both perpendicular to the Plane of the Garden), whoſe Heights are 60 and 40 Feet: Now, if two Lines be drawn, one from the Top of the higher Tree to the Foot of the lower, and another from the Top of the lower to the Foot of the higher Tree; where theſe two (inflexible) Lines interſect each other, they make an $\angle$ of 20° 46′. To determine from hence the Area of the Garden?

(4.) Queſt. 386, by Mr. *William King*.

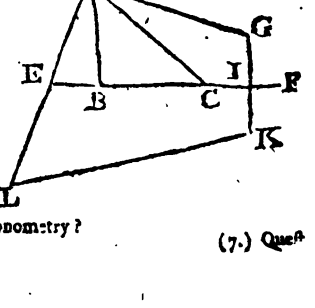
A Gentleman, having a Garden in the Form of an Ellipſis, whoſe tranſverſe Diameter is 300, and conjugate = 210 Feet, is determined to raiſe the ſaid Garden-plot one Foot higher, by a Trench that he will make round it; required the Breadth and Depth of the Trench, ſuppoſing them equal?

(5.) Queſt. 387, by Mr. *Alexander Rowe*.

Invenire Punctum Quadrante Lineæ eclipticæ primo, ubi Differentia Solis Longitudinis inter Tangentem & Cubum illius rectæ hujus Aſcenſionis Maximum eſt?

(6.) Queſt. 388, by Mr. *Iſaac Rowbottom*.

Suppoſe A G K L a Trapezium, whoſe Area is 351 A. 3 R. 12 P. and its oppoſite Sides GK and AL, biſected by the Line E F, which Line is the Diameter of a Circle, A B and G I perpendicular thereto. Now, there is given E B = 24, I F = 3 Chains (*per Gunter*). and the Area of the $\triangle$ ABC = 86 A. 1 R. 24 P. Moreover $\overline{GK}^2$ is to $\overline{AL}^2$ as 1 is to $7\frac{1}{3}$, and EF is to BC as $3\frac{1}{2}$ is to 2. Quere the Sides and Diagonals, without Trigonometry?



(7.) Queſt

Y. of Christ.		Ys. since.
1600	KING *Charles* I. born	174
1603	Q. *Elizabeth* died, King *James* succeeded	171
1603	A great Plague in *London*	171
1605	Popish Gun-powder Plot	169
1625	King *James* died, and K. *Charles* I. succeeded	149
1641	Bloody *Irish* Massacre	133
1642	*Edge-hill* Fight	132
1643	*Newbury* Fight	131
1644	*Marston-Moor* Fight	130
1645	Battle of *Naseby*	129
1649	King *Charles* I. beheaded	125
1651	Fight of *Worcester*	123
1658	*Oliver Cromwell* died	116
1660	King *Charles* II. restored	114
1665	Last great Plague in *London*, whereof died 68,586 Persons	109
1666	Great Fire in *London*	108
1685	King *Charles* II. died, King *James* II. succeeded	89
1685	D. of *Monmouth* beheaded	89
1688	Prince of *Orange* landed	86
1688	King *James* II. abdicated	86
1689	King *William* and Queen *Mary* crowned	85
1702	K. *Will.* died, Q. *Ann* succ.	72

Y. of Christ.		Ys.
1702	War against *France* declared	
1703	Terrible Wind, *Nov.* 26	
1704	*Gibraltar* taken	
1704	*French* beat at *Hochstet*	
1706	*French* beat at *Ramellies*	
1707	*England* and *Scotland* united	
1708	*French* beat at *Oudenard*	
1709	*French* beat at *Blarquies*	
1713	Peace with *France* procl.	
1714	Queen *Ann* died, and King *George* I. succeeded	
1715	Rebellion in the *North*	
1716	A very great Frost	
1727	King *George* I. died, and K. *George* II. succeeded	
1739	The last great Frost	
1739	War against *Spain* declared	
1743	A great Comet appeared	
1744	War against *France* declared	
1745	Rebellion in *Scotland*	
1748	A general Peace	
1752	New Stile first used in *Engl.*	
1756	War against *France* declared	
1760	King *George* II. died, and King *George* III. succeeded	
1762	War against *Spain* declared	
1763	Peace with *France* and *Spain* proclaimed	

BIRTH DAYS, [N. S.] and YEARS, of t[illegible] ROYAL FAMILY of GREAT-BRITAIN.

KING GEORGE III. *June* 4, 1738
Prince of *Wales*, *August* 12, 1762
Prince *Frederick*, *August* 16, - 1763
Prince *William Henry*, *Aug.* 21, 1765
Prs. *Charl. Aug. Mat. Sept.* 29, 1766
Prince *Edward*, *Nov.* 2, - - 1767
Prs. *Sophia Augusta*, *Nov.* 8, 1768
Prs. *Elizabeth*, *May* 22, - - 1770

Prince *Ernest Augustus*, *June* 5, 17
Prince *Aug. Fred. Jan.* 27, - 17
Queen *Charlotte*, *May* 19, - - 17
Prs. *Amelia*, *June* 10, - - 17
Prs. *Augusta* of *Brunsw. Aug.* 11, 17
Duke of *Gloucester*, *Nov.* 25, - 17
Duke of *Cumberland*, *Nov.* 7, 17
Queen of *Denmark*, *July* 22, - 17

YEARS of BIRTHS of the Principal SOVEREIG[illegible] PRINCES in EUROPE.

Maria Theresa, Emp. Queen, 1717
Catherine, Emp. of *Russia*, 1729
Lewis XV, King of *France*, - 1710
Charles, King of *Spain* - - 1716
Gustavus, King of *Sweden*, - - 1746
Christian VII, King of *Denmark*, 1749

Joseph, King of *Portugal* - - 17
Chs. Frederick, King of *Prussia*, 17
Charles Emanuel, K. of *Sardinia*, 17
Clement XIV, Pope, - - - 17
Mustapha, Grand Seignor - - 17

Last Quarter, 5th, 40 m. past 5 aftern.
New Moon, 12th, 45 m. past 8 morn.
First Quarter, 19th, 11 m. past 3 aftern.
Full Moon, 27th, 48 m. past 6 night.

Sun enters ♓ 19th, 9 h. 19m. Apparent Time.

1	S	Circumcis. or N.Y's-Day	8	5	3	55	22	59	8A. 0	20
2	B	2 Sund. aft. Chriſtmas		4		56		54	9 6	21
3	M			3		57		48	10 15	22
4	Tu			2		58		42	11 26	23
5	W	Old CHRISTMAS-DAY		2		58		35	Morn.	24
6	Th	Epiphany: Twelfth-Day		1		59		28	0 39	25
7	F		8	0	4	0		20	1 53	26
8	S	*Lucian*, Pr. and Martyr	7	59		1		12	3 7	27
9	B	1 Sunday after Epiphany		58		2		4	4 22	28
10	M	*Plow-Monday*		57		3	21	55	5 33	29
11	Tu			56		4		45	☽ ſets	30
12	W	Old New-Year's-Day		55		5		35	4A. 45	1
13	Th	Cam. T begins. *Hilary.*		54		6		25	5 59	2
14	F	Oxford Term begins		53		7		15	7 13	3
15	S			51		9		3	8 25	4
16	B	2 Sunday after Epiphany		50		10	20	52	9 36	5
17	M	Old Twelfth Day		49		11		40	10 43	6
18	Tu	Q. Charl. Birth-day kept.		48		12		28	11 48	7
19	W	[*Priſca*, M.		47		13		15	Morn.	8
20	Th	*Fabian.* In 8 Ds. of St. Hil.		45		15		2	0 53	9
21	F	*Agnes* [1ſt Ret.		44		16	19	49	1 54	10
22	S	*Vincent*, Martyr		42		18		35	2 54	11
23	B	3 Sunday after Epiphany		41		19		21	3 50	12
24	M	Hilary TERM begins		39		21		7	4 43	13
25	Tu	Converſion of St. PAUL		38		22	18	52	5 3	14
26	W			36		24		37	6 14	15
27	Th	Pr. Aug. Fred. bo. From		35		25		21	☽ riſes	16
28	F	[D. of St. Hil. in 15 Ds.		33		27		6	5A. 40	17
29	S	2d Ret.		31		29	17	49	6 48	18
30	B	Septuag. Sund. K. Cha. M.		30		30		33	7 58	19
31	M			28		32		16	9 6	20

Day	L. of D.	Day Inc.	D. breaks	Sun East.	Tw. ends	Cl. bef. S.	7 Stars So.
1	7 50	0 6	5 59	4 41	6 1	4 13	8 A. 44
6	58	14	56	43	4	6 30	22
11	8 8	24	53	46	7	8 34	9
16	20	36	49	49	11	10 24	7 39
21	32	48	43	54	17	11 55	18
26	43	1 4	36	58	24	13 7	6 5

Last Quarter, 4th, 56 m. past 2 morn.
New Moon, 10th, 39 m. past 8 night
First Quarter, 18th, 55 m. past 11 morn.
Full Moon, 26th, 30 m. past 10 morn.

Sun enters ♓
18th, 0 h. 12
Apparant Tim

M D.	W D.	Sundays, Holydays, &c.	Sun rises.	Sun sets.	Sun's Decl.	☽ rises & sets.	A
1	Tu		7 26	4 34	16 59	10 A. 20	
2	W	Purif. *or* Candlemas-Day	25	35	42	11 33	
3	Th	On Morr. of Purif. 3d Ret.	23	37	24	Morn.	
4	F		21	39	6	0 48	
5	S	*Agatha*, Martyr	19	41	15 48	2 0	
6	B	Sexagesima Sunday	18	42	30	3 9	
7	M		16	44	11	4 14	
8	Tu		14	46	14 52	5 1	
9	W	In 8 Ds. of Purif. 4th Ret.	12	48	33	5 58	
10	Th		10	50	13	☽ sets	
11	F		9	51	13 53	5 A. 56	
12	S	TERM ends [Can. day	7	53	33	7 5	
13	B	Quinqua. Shrove S. old	5	55	13	8 19	
14	M	*Valentine*, B. and M.	3	57	12 53	9 27	
15	Tu	Shrove-Tuesday	1	59	32	10 33	
16	W	Ash-Wednesday	6 59	5 ☽	11	11 38	
17	Th		57	3	11 50	Morn.	
18	F		56	4	29	0 39	
19	S		54	6	8	1 36	
20	B	Quadrag. 1 Sund. in Lent	52	8	10 46	2 32	
21	M		50	10	25	3 24	
22	Tu		48	12	3	4 7	
23	W	Ember-Week	46	14	9 41	4 48	
24	Th	St. MATTHIAS	44	16	19	5 25	
25	F		42	18	8 56	5 57	
26	S		40	20	34	☽ rises	
27	B	2 Sund. in Lent.	38	22	12	6 A. 55	
28	M		36	24	7 49	8 8	

Days	L. of D.	Day Inc.	D. breaks	Sun East.	Tw. ends	Cl. bef. S.	7 Stars So.
1	9 8	1 24	5 29	5 4	6 31	14 6	6 A. 33
6	24	40	21	9	39	33	12
11	42	58	15	15	45	41	5 52
16	10 2	2 18	5	20	55	29	33
21	20	36	4 56	27	7 4	13 59	14
26	40	56	47	33	13	12	4 55

Last Quarter, 5th, 21 m. past 10 morn.
New Moon, 12th, 55 m. past 9 morn.
First Quarter, 20th, 31 m. past 8 morn.
Full Moon, 27th, 28 m. past 11 night.

Sun enters ♈ 20th, 0h. 43 m. Apparent Time.

1	Tu	*David*, Abp. of *Menevia*	6	34	5	26	7 27	9 23	20
2	W			32		28	3	10 40	21
3	Th			30		30	6 40	11 52	22
4	F			28		32	17	Morn.	23
5	S			26		34	5 54	1 4	24
6	B	3 Sunday in Lent		24		36	31	2 10	25
7	M	*Perpetua*.		22		38	8	3 7	26
8	Tu			20		40	4 44	3 57	27
9	W			18		42	21	4 49	28
10	Th			16		44	3 57	5 15	29
11	F			14		46	34	5 46	30
12	S	*Gregory*		12		48	10	☽ sets	1
13	B	Midlent-Sunday.		10		50	2 46	7 A. 13	2
14	M			8		52	23	8 21	3
15	Tu			6		54	1 59	9 27	4
16	W			4		56	35	10 29	5
17	Th	St. *Patrick*		3		57	12	11 31	6
18	F	*Edward*		1		59	0 48	Morn.	7
19	S		5	59	6	1	24	0 27	8
20	B	5 Sun. in Lent. Equal		57		3	1	1 19	9
21	M	*Benedict*. [D. and N.		55		5	0 N 23	2 7	10
22	Tu			53		7	47	2 50	11
23	W			51		9	1 10	3 28	12
24	Th			49		11	34	4 3	13
25	F	Lady-Day. Camb. T.		47		13	57	4 34	14
26	S	Orf. T. Ends. [Ends		45		15	2 21	5 3	15
27	B	Palm-Sunday.		43		17	44	☽ rises	16
28	M			41		19	3 8	7 A. 13	17
29	Tu			39		21	31	8 28	18
30	W			37		23	54	9 46	19
31	Th	Maunday-Thursday		35		25	4 18	11 2	20

Days	L. of D.	Day Inc.	D. breaks	Sun East.	Tw. ends.	Cl. bef. S.	7 Stars S.
1	10 52	3 8	4 41	5 36	7 19	12 37	4 A. 34
6	11 12	28	32	42	28	11 30	25
11	32	48	21	49	39	10 13	7
16	52	4 8	10	55	50	8 48	3 48
21	12 10	26	3 59	6 1	8 1	7 18	30
26	30	46	47	7	13	5 44	12

Last Quarter, 3d, 58 m. past 4 aftern.
New Moon, 10th, 19 m. past midn
First Quarter, 19th, 14 m. past 3 morn.
Full Moon, 25th, 34 m. past 9 morn.

Sun enters ♉ 19th, 13 h. 33 m. Apparent Time.

1	F	GOOD-FRIDAY		33	6	27	4	41	Morn.	21
2	S	[Bp. of *Chich.*		31		29	5	4	0 13	22
3	B	EASTER-DAY. *Rich.*		29		31		27	1 11	23
4	M	East. Mon. St. *Ambroſe*		27		33		50	2 3	24
5	Tu	East.-Tueſ. Old Lady-		25		35	6	12	2 49	25
6	W	[Day.		23		37		35	3 26	26
7	Th			21		39		58	3 57	27
8	F			19		41	7	20	4 26	28
9	S			17		43		42	4 51	29
10	B	1 S. aft. Eaſt. Low-Sund.		15		45	8	5	☽ ſets	1
11	M			13		47		27	7A.21	2
12	Tu			11		49		48	8 25	3
13	W	Orſ. & Cam. Ter. beg.		10		50	9	10	9 26	4
14	Th			8		52		32	10 25	5
15	F			6		54		53	11 20	6
16	S			4		56	10	15	Morn.	7
17	B	2 Sunday after Eaſter		2		58		36	0 10	8
18	M	From Eaſter in 15 Days,		0	7	0		57	0 54	9
19	Tu	*Alphage* [1ſt Ret.		58		2	11	17	1 32	10
20	W	Eaſter TERM begins		56		4		38	2 9	11
21	Th			54		6		58	2 40	12
22	F			53		7	12	19	3 8	13
23	S	St. GEORGE, Martyr		51		9		39	3 37	14
24	B	3 Sunday after Eaſter		49		11		58	4 3	15
25	M	St. MARK, Evan. From		47		13	13	18	4 34	16
26	Tu	[Eaſter in 3 Wks. 2d Ret.		45		15		37	☽ riſes	17
27	W			44		16		56	8A.49	18
28	Th			42		18	14	15	10 2	19
29	F			40		20		34	11 10	20
30	S			38		22		52	Morn.	21

Days	L. of D.	Day Inc.	D. breaks	Sun Eaſt.	Tw. ends	Cl. bef. S.	7 Stars So.
1	12 54	5 10	3 32	6 15	8 28	3 52	2A.59
6	13 14	30	19	21	41	2 22	32
11	34	50	6	27	54	0 58	14
16	52	6 8	2 52	33	9 8	0a.19	1 55
21	14 12	28	37	39	23	1 27	37
26	30	48	22	44	38	2 25	18

Last Quarter, 2d, 58 m. past 11 night.
New Moon, 10th, 16 m. past 3 aftern.
First Quarter, 18th, 58 m. past 6 aftern.
Full Moon, 25th, 22 m. past 5 aftern.

Sun enters ♊ 20th, 14 h. 12 m. Apparent Time

1	B	4 S. aft. Eaſt. St. Ph. *and* Ja.	4	36	7	24	15	11	0	8
2	M	From Eaſt. in 1 M. 3d Ret.		35		25		28	0	54
3	Tu	Invention of ✝.		33		27		46	1	34
4	W			31		29	16	4	2	7
5	Th			29		31		21	2	36
6	F			28		32		38	3	2
7	S			26		34		54	3	26
8	B	5 S. aft. Eaſt. Rog. Sund.		24		36	17	11	3	50
9	M	From Eaſt. in 5 Weeks,		23		37		27	4	16
10	Tu	[4th Ret.		21		39		42	☽ ſets	
11	W	[Old May-Day		20		40		58	8	A. 23
12	Th	Chriſt's Aſcen. Holy-Th.		18		42	18	13	9	19
13	F	On Mor. of Aſcen. 5th Ret.		17		43		28	10	10
14	S			15		45		43	10	56
15	B	6 Sunday after Eaſter		14		46		57	11	36
16	M	TERM ends		12		48	19	11	Morn.	
17	Tu			11		49		24	0	13
18	W			9		51		38	0	45
19	Th	Q. Charl. bo. 1744. ☉ Prſ.		8		52		50	1	13
20	F	[Term ends. *Dunſt.*		6		54	20	3	1	40
21	S	[Eliz. bo. 1770		5		55		15	2	7
22	B	WHIT-SUNDAY. Prs.		4		56		27	2	35
23	M	Whit-Monday		3		57		39	3	2
24	Tu	Whit-Tueſday.		1		59		50	3	35
25	W	Ember-Week		0	8	0	21	1	☽ riſes	
26	Th		3	59		1		11	8	A. 54
27	F	Venerable *Bede*		58		2		21	9	57
28	S	[II. Reſt. 1660.		57		3		31	10	51
29	B	Trinity-Sund. K. Char.		56		4		41	11	34
30	M	On Morrow of H. Trin.		55		5		50	Morn.	
31	Tu	[1ſt Ret.		54		6		58	0	9

Days	L. of D.	Day Inc.	D. breaks	Sun Eaſt.	Tw. ends.	Cl. aft. S.	7 Sta
1	14 48	7 4	2 6	6 50	9 55	3 10	0 A
6	15 4	20	1 49	55	10 13	41	
11	20	36	28	7 0	34	58	
16	36	52	5	4	11 0	4 0	
21	50	8 6	0 32	8	40	49	11 N
26	16 2	18	No Night.	12	No Night.	24	

Last Quarter, 1st, 23 m. past 8 morning.
New Moon, 9th, 20 m. past 6 morning.
First Quarter, 17th, 20 m. past 7 morning.
Full Moon, 23d, 57 m. past 11 night.
Last Quarter 30th, 59 m. past 6 afternoon.

Sun enters ♋ 20th, 22 h. 5 m. Apparent Time.

1	W	Ord. Term beg. *Nicom.*	3	53	8	7	22	7	0	41	23
2	Th	*Corpus Christi* [Pr. & M.		52		8		14	1	6	24
3	F	Trinity TERM begins		51		9		22	1	30	25
4	S	K. GEO. III. born, 1738.		50		10		29	1	55	26
5	B	1 S. aft. T. Pr. Et. Aug. b. 1771.		49		11		36	2	23	27
6	M	In 8 Days of Holy Trinity		49		11		42	2	48	28
7	Tu	[2d Ret.		48		12		48	3	15	29
8	W			47		13		53	☽ sets		30
9	Th			47		13		59	8A.	3	1
10	F	Prs. Amelia born 1711.		46		14	23	3	8	52	2
11	S	St. BARNABAS.		46		14		8	9	34	3
12	B	2 Sunday after Trinity.		45		15		11	10	11	4
13	M	In 15 Days of Holy Trin.		45		15		15	10	45	5
14	Tu	[3d Ret.		44		16		18	11	14	6
15	W			44		16		21	11	40	7
16	Th			44		16		23	Morn.		8
17	F	St. *Alban*		43		17		25	0	6	9
18	S							26	0	31	10
19	B	3 Sund. aft. Trinity	Longest Day, at *Lond.* is 16h.		35m. 6sec. allowing 9m. 54		Sec. on Acct of Refraction.	27	0	56	11
20	M	In 3 Weeks of H. Trin. 4th						28	1	24	12
21	Tu	Longest Day. [Ret. *Edw.*						28	1	58	13
22	W	TERM ends						28	2	38	14
23	Th							27	☽	29	15
24	F	St. John Bapt. Midſ. Day						26	☽ rises		16
25	S			43		17		25	9A.	24	17
26	B	4 Sunday after Trinity		44		16		23	10	3	18
27	M			44		16		20	10	36	19
28	Tu			44		16		18	11	5	20
29	W	St. PETER		45		15		15	11	30	21
30	Th			45		15		13	11	56	22

Days	L. of D.	Day Inc.		Sun East.		Cl. aft. S.	7 Stars So.
1	16. 14.	2. 30	No real Night, but constant Day-light or Twilight.	7. 15	No real Night, but constant Day-light or Twilight.	2 39	to M. 57
6	22	38		18		1 49	36
11	28	44		19		0 52	18
16	32	48		21		0 h. 11	9 55
21	34	50		21		1 15	34
26	32	Decr. 2		20		2 18	13

New Moon, 8th, 17 m. past 9 night.
First Quarter, 16th, 36 m. past 4 aftern.
Full Moon, 23d, 41 m. past 6 morn.
Last Quarter, 30th, 17 m. past 8 morn.

Sun enters ♌, 22d, 9 h. 48 m. Apparent Time.

1	F		3	46	8	14	23	7	Morn.	23
2	S	Visitation of B. V. *Mary*		46		14		3	0 20	24
3	B	5 Sunday after Trinity		47		13	22	58	0 47	25
4	M	*Martin*, Bishop		47		13		53	1 13	26
5	Tu	Camb. Com. Old Mid-		48		12		48	1 45	27
6	W	[summer Day.		49		11		42	2 19	28
7	Th			49		11		35	3 1	29
8	F	Camb. Term ends		50		10		29	☽ sets	1
9	S			51		9		21	8A.10	2
10	B	6 Sunday after Trinity		52		8		14	8 44	3
11	M	Oxford Act		53		7		6	9 14	4
12	Tu			54		6	21	58	9 41	5
13	W			55		5		49	10 5	6
14	Th			56		4		40	10 32	7
15	F	*Swithin*, B. of *Winchester*		57		3		31	10 58	8
16	S	Oxford Term ends		58		2		21	11 25	9
17	B	7 Sunday after Trinity		59		1		11	11 55	10
18	M		4	0		0		1	Morn.	11
19	Tu			1	7	59	20	50	0 30	12
20	W	*Margaret*		3		57		39	1 12	13
21	Th			4		56		27	2 6	14
22	F	Q. Denm. bo. 1751. *Mag-*		5		55		15	3 7	15
23	S	[*dalen*		6		54		3	☽ rises	16
24	B	8 Sunday aft. Trinity		8		52	19	51	8A.29	17
25	M	St. JAMES, Apostle		9		51		38	9 2	18
26	Tu	St. *Anne*, Mother of V. M.		11		49		25	9 30	19
27	W			12		48		11	9 58	20
28	Th			14		46	18	57	10 23	21
29	F			15		45		43	10 48	22
30	S	Dog-Days begin		17		43		29	11 15	23
31	B	9 Sunday after Trinity		18		42		14	11 45	24

Days	L. of D.	Day dec.	D. breaks	Sun East.	Tw. ends.	Cl. bef. S.	7 Stars S.
1	16 28	0 6		7 19		3 19	8 M. 51
6	22	12	No real	18	No real	4 13	32
11	14	20	Night.	15	Night.	59	12
16	4	30		12		5 34	7 51
21	15 52	42		9		55	31
26	38	56	0 55	5	11 1	6 2	12

New Moon, 7th, 56 m. paſt 11 morn.
First Quarter, 14th, 35 m. paſt 11 night.
Full Moon, 21ſt, 51 m. paſt 2 aftern.
Laſt Quarter, 28th, 26 m. paſt midnight.

Sun enters ♍ 22d, 16 h. 6 m. Apparent Time.

1	M	Lammas-Day	4	20	7	40	17	59	Morn.	25
2	Tu			21		39		44	0 21	26
3	W			23		37		28	0 59	27
4	Th			24		36		12	1 42	28
5	F			26		34	16	56	2 32	29
6	S	*Transfiguration*		28		32		39	3 29	30
7	B	10 Sunday after Trinity		29		31		23	☽ ſets	1
8	M			31		29		6	7A. 45	2
9	Tu			33		27	15	48	8 10	3
10	W	St. *Laurence*		34		26		31	8 36	4
11	Th	Prs. Brunſwick bo. 1737		36		24		13	9 2	5
12	F	Pr. of Wales bo. 1762. Old		38		22	14	55	9 28	6
13	S	[Lammas-Day		40		20		37	9 57	7
14	B	11 Sunday after Trinity		41		19		18	10 30	8
15	M	*Aſſumpt. B. Virgin Mary*		43		17		0	11 11	9
16	Tu	Pr. Frederick born, 1763		45		15	13	41	11 57	10
17	W			47		13		21	Morn.	11
18	Th			49		11		2	0 53	12
19	F			50		10	12	43	1 58	13
20	S			52		8		23	3 9	14
21	B	12 S. aft. Trin. Pr. Wm.		54		6		3	4 28	15
22	M	[Hen. bo. 1765		56		4	11	43	☽ riſes	16
23	Tu			58		2		22	8A. 1	17
24	W	St. Bartholomew, Apoſtle	5	0		0		2	8 26	18
25	Th			1	5	59	10	41	8 52	19
26	F			3		57		20	9 20	20
27	S			5		55	9	59	9 50	21
28	B	13 Sun. aft. Tr. [*guſtine* St. *Au-*		7		53		38	10 24	22
29	M	St. John Bapt. *Beheaded*		9		51		17	11 2	23
30	Tu			11		49	8	55	11 41	24
31	W			13		47		34	Morn.	25

Days	L. of D.	Day dec.	D. breaks	Sun Eaſt.	Tw. ends.	Cl. bef. S.	7 Stars So.
1	15 20	1 14	1 25	7 0	10 32	5 51	6 M. 48
6	4	30	46	6 55	15	27	29
11	14 48	46	2 5	50	9 55	4 47	19
16	30'	2 4	21	45	39	3 54	5 51
21	12	22	37	39	23	2 47	32
26	13 54	40	52	33	8	1 28	14

New Moon, 6th, 59 m. paſt 1 morn.
First Quarter, 13th, 27 m. paſt 5 morn.
Full Moon, 20th, 17 m. paſt 1 morn.
Laſt Quarter, 27th, 4 m. paſt 7 aftern.

Sun enters ♎ 22d, 12 h. 20 m. Apparent Time.

1	Th	*Giles*, Abbot	5	15	6	45	8	12	0	32	26
2	F	LONDON burnt, 1666,		17		43	7	50	1	26	27
3	S	O.S.		19		41		28	2	26	28
4	B	14 Sunday after Trinity		20		40		6	3	28	29
5	M			22		38	6	43	4	32	30
6	Tu			24		36		21	☽ ſets		1
-	W	Dog-Days end		26		34	5	58	7A	13	2
8	Th	*Nativity* of B. V. Mary		28		32		36	7	40	3
9	F			30		30		13	8	9	4
10	S			32		28	4	50	8	40	5
11	B	15 Sunday after Trinity		34		26		27	9	16	6
12	M			36		24		5	10	2	7
13	Tu			38		22	3	42	10	53	8
14	W	*Holy-Rood-Day* Ember-		40		20		18	11	55	9
15	Th	[Week		42		18	2	55	Morn.		10
16	F			44		16		32	1	2	11
17	S	*Lambert*, Biſhop		46		14		9	2	15	12
18	B	16 Sunday after Trinity		48		12	1	46	3	30	13
19	M			50		10		22	4	46	14
20	Tu			52		8	0	59	☽ riſes		15
21	W	St. Matthew, Apoſtle		54		6		36	7A.	3	16
22	Th	K. George III. Cor. 1761		56		4		12	7	29	17
23	F	Equal Day and Night		57		3	0S	11	7	58	18
24	S			59		1		35	8	30	19
25	B	17 Sunday after Trinity	6	1	5	59		58	9	7	20
26	M	St. *Cyprian*		3		57	1	22	9	47	21
27	Tu			5		55		45	10	33	22
28	W			7		53	2	8	11	24	23
29	Th	St. MICHAEL. Pra.		9		51		32	Morn.		24
30	F	[Charl. Aug. Mat. b. 1766		11		49		55	0	20	25

Days	L. of D.	Day dec.	D. breaks	Sun East.	Tw. ends.	Cl. aft. S.	7 Stars
1	13 30	3 4	3 8	6 26	8 52	0 18	4M. 53
6	12	22	21	20	39	1 54	34
11	12 52	42	34	14	26	3 36	17
16	32	4 2	46	8	14	5 20	3 59
21	12	22	58	2	2	7 5	41
26	11 54	40	4 9	5 56	7 51	8 48	23

New Moon, 5th, - - at 3 aftern.
First Quarter, 12th, 33 m. past 11 morn.
Full Moon, 19th, 27 m. past 2 aftern.
Last Quarter, 27th, 8 m. past 3 aftern.

Sun enters ♎ 22d, 20 h. 19 m. Apparent Time.

1	S.	*Remigius*, Bishop	6	13	5	47	3	19	1	21	26
2	B	18 Sunday after Trinity		15		45		42	2	26	27
3	M			17		43	4	5	3	32	28
4	Tu			19		41		28	4	42	29
5	W			21		39		52	☽ sets		1
6	Th	*Faith*, Virgin and Mart.		22		38	5	15	6A.	16	2
7	F			25		35		38	6	50	3
8	S	[*Dunst.*		27		33	6	1	7	25	4
9	B	19 Sund. aft. Trin. St.		29		31		24	8	8	5
10	M	Orf. and Camb. Terms		31		29		46	8	59	6
11	Tu	[beg. Old Mich. Day		33		27	7	9	9	56	7
12	W			35		25		32	11	1	8
13	Th	*Edward*, King and Mart.		37		23		54	Morn.		9
14	F			39		21	8	17	0	11	10
15	S			41		19		39	1	23	11
16	B	20 Sunday after Trinity		42		18	9	1	2	37	12
17	M	*Ethelred*, Virgin		44		16		23	3	51	13
18	Tu	St. LUKE, Evangelist		46		14		45	5	4	14
19	W			48		12	10	7	☽ rises		15
20	Th			50		10		28	6A.	4	16
21	F			52		8		50	6	34	17
22	S			54		6	11	11	7	6	18
23	B	21 Sunday after Trinity		56		4		32	7	45	19
24	M			58		2		53	8	30	20
25	Tu	K. Geo. III. Acc. *Crispin*	7	0		0	12	14	9	19	21
26	W	K. GEO. III. Procl. 1760		1	4	59		35	10	14	22
27	Th			3		57		55	11	12	23
28	F	St. Simon *and* St. Jude,		5		55	13	15	Morn.		24
29	S	[Apostles		7		53		35	0	13	25
30	B	22 Sunday after Trinity		9		51		55	1	18	26
31	M			11		49	14	14	2	24	27

Days	L. of D.	Day dec.	D. breaks	Sun East.	Tw. ends.	Cl. aft. S.	7 Stars So.
1	11 34	5 0	4 26	5 49	7 40	10 25	3 M. 5
6	16	18	30	43	30	11 55	2 48
11	10 54	40	40	37	20	13 15	29
16	36	58	49	31	11	14 25	10
21	16	6 18	58	25	2	15 16	1 51
26	9 58	36	5 7	20	6 53	53	32

New Moon, 4th, 51 m. paſt 2 morn.
Firſt Quarter, 10th, 7 m. paſt 7 aftern.
Full Moon, 18th, 16 m. paſt 6 morn.
Laſt Quarter, 26th, 58 m. paſt 10 morn.

Sun enters ♐ 21ſt, 16 h. 28 m Apparent Time

1	Tu	All Saints [*Souls*	7	12	4	48	14	34	3	34
2	W	Pr. Edw. born, 1767. *All*		14		46		53	4	47
3	Th	On Morr. of All Souls. 1ſt		16		44	15	12	6	2
4	F	[Ret.		18		42		30	☽ ſets	
5	S	Powder Plot, 1605, O. S.		20		40		49	6A. 6	
6	B	23 Sunday after Trinity		21		39	16	7	6	54
7	M	D.Cumb.bo.1745.Mic.T.beg.		23		37		24	8	0
8	Tu	Prs. Soph. Aug. bo. 1768		25		35		42	8	53
9	W	Ld. Mayor's Day at *Lond.*		27		33		59	10	4
10	Th			28		32	17	16	11	16
11	F	St. *Martin* [2d Ret.		30		30		33	Morn.	
12	S	On Morr. of St. *Martin,*		31		29		49	0	28
13	B	24 Sun. aft. Tr. *Britius,*		33		27	18	5	1	40
14	M	[Biſhop.		35		25		21	2	51
15	Tu	*Machutus,* Biſhop		36		24		36	4	3
16	W			38		22		51	5	16
17	Th	*Hugh,* Biſhop of *Lincoln*		39		21	19	6	6	16
18	F	In 8 Days of St. *Martin,*		41		19		20	☽ riſes	
19	S	[3d Ret.		42		18		34	5A. 42	
20	B	25 Sun. aft. Tr. *Edmund,*		44		16		48	6	23
21	M	[King and Martyr		45		15	20	1	7	6
22	Tu	*Cecilia.* Old Martinm.-D.		47		14		14	8	1
23	W	St. *Clement*		48		12		27	8	58
24	Th			49		11		39	9	57
25	F	D. of Glo. bo. 1743. In 15		50		10		51	10	59
26	S	[Ds. of St. *Mart.* 4th Ret.		51		9	21	2	Morn.	
27	B	Advent-Sunday		53		7		13	0	2
28	M	Michaelmas TERM end		54		6		24	1	7
29	Tu			55		5		34	2	16
30	W	St. ANDREW		56		4		44	3	31

Days	☾ of D.	Day dec.	D. breaks	Sun East.	Tw. ends.	Cl. aft. S.	7 Stars S
1	9 36	6 58	5 17	5 12	6 43	16 13	1 M.
6	18	7 16	25	7	35	6	0 4
11	0	34	32	2	28	15 40	2
16	8 44	50	38	4 57	22	14 52	
21	30	8 4	44	53	16	13 44	11 A. 4
26	13	16	40	49	11	12 36	2

New Moon, 3d, 44 m. paſt 1 aftern.
Firſt Quarter, 10th, 5 m. paſt 5 morn.
Full Moon, 17th, 16 m. paſt midnight.
Laſt Quarter, 26th, 43 m. paſt 4 morn.

Sun enters ♑ 21ſt, 4h. 50 m. Apparent Time.

1	Th		7	5	4 3	21 53	4 46	28
2	F			5	2	22 2	6 1	29
3	S			5	1	11	D sets	1
4	B	☿ Sun. in Adv. *Barbara*	8		0	19	5 A. 27	2
5	M				3 59	27	6 28	3
6	Tu	*Nicholas*, Biſhop			58	34	7 38	4
7	W				58	41	8 52	5
8	Th	*Conception* B. V. Mary			57	47	10 8	6
9	F			4	56	53	11 22	7
10	S			4	57	59	Morn.	8
11	B	3 Sunday in Advent		5	55	23 4	0 34	9
12	M			6	54	8	1 44	10
13	Tu	*Lucy*, Virgin and Martyr		6	54	12	2 52	11
14	W	Ember Week		6	54	16	3 58	12
15	Th			7	53	19	5 2	13
16	F	Camb. Term ends		7	53	22	6 2	14
17	S	Oxf. Term ends		7	53	24	D riſes	15
18	B	4 Sunday in Advent		8	52	26	4 A. 53	16
19	M			8	52	27	5 42	17
20	Tu			8	52	28	6 36	18
21	W	St. Thomas. Shorteſt Day		8	52	28	7 33	19
22	Th			8	52	28	8 34	20
23	F			8	52	27	9 37	21
24	S			8	52	26	10 43	22
25	B	CHRISTMAS-DAY		7	53	25	11 49	23
26	M	St. STEPHEN		7	53	23	Morn.	24
27	Tu	St. JOHN		7	53	20	0 56	25
28	W	Holy Innocents		6	54	17	2 7	26
29	Th			6	54	14	3 21	27
30	F			6	54	10	4 35	28
31	S	*Sylveſter*		5	55	5	5 50	29

Days	L. of D.	Day dec.	D. breaks	Sun Eaſt.	Tw. ends.	Cl. aft. S.	7 Stars So.
1	8 6	8 · 28	5 53	4 45	6 7	10 29	11 A. 1
6	7 56	38	57	43	3	8 26	10 39
11	50	44	59	41	1	6 11	17
16	46	48	6 1	40	5 59	3 47	9 55
21	44	50	1	39	59	1 18	32
26	46	Incr. 2	1	39	59	11 b. 11	11

Chronological Notes *in* 1774.

Golden Number	8	Shrove-Tuesday	*Feb.* 25
Cycle of the Sun	19	Easter-Day	*April* 3
Epact	17	Whit-Sunday	*May* 22
Roman Indiction	7	Trinity-Sunday	*May* 29
Dominical Letter	B	Advent-Sunday	*Nov.* 27

Eclipses *in* 1774.

THIS year will present us with two Eclipses, both of the *Sun*, but both invisible at *London*.

The First will happen on the 12th of *March*, at 55 min. past Nine in the Morning, and will be total and visible in about 2 deg. of south lat. between *Africa* and *America*.

The *Second* will be on the 6th of *September*, near 2 o'clock in the morning, in about 10 deg. of north lat. and will be total and visible in the Parts of *Asia* near the *Philippine Isles*.

Isaac Tarratt.

Just published, price 2 s. 6 d. *a beautiful sheet of Eclipses; containing the types and times of the beginning, middle, and end of all the eclipses that will be visible in* England *till the year* 1800. *Sold by Mr.* Ribright, *Math. Instrum. Maker*, No. 40, *in the* Poultry, London.

Answers to the Enigma's *in* 1773.

I. A REEL, SKEIGNER, or SWIFT.
II. P.
III. KNIFE and FORK
IV. HUDIBRASTIC VERSE.
V. APPETITE or HUNGER.
VI. CRIBBAGE BOARD.
VII. THOUGHT.
VIII. A BLUSH.
IX. A HORN.
X. AMEN.
Prize. SEALING WAX.
Lat. A HORSE.

The Prize Enigma *answered by Dr.* Conundrum.

If hope demands, nor chance denies;
I've dropt my WAX, and seal'd a prize

The ſame anſwered by J. Johnſon.

True emblem of the ſofter ſex | Is the vermilion ductile WAX.

An anſwer to the ſame by a Woman.

Mall Ormiſhaw I knew in days of yore,
Therefore the Prize Enigma I'll explore.
Some thoughtleſs maids, when touch'd by love's warm flame,
Melting, will yield, regardleſs of their fame;
They fall inglorious, ſink with ſhame to earth,
And to a new-form'd being oft give birth.
So, when the WAX, whoſe qualities you praiſe,
Caught by the candle's bright diſſolving blaze,
The flame confeſſes; ſoften'd to exceſs,
It bears whatever figure you impreſs.

Miſs A. Nicholls *anſwers it thus.*

Dear Ormiſhaw, you can, with eaſe, | The WAX, when handled by your
Make e'en the meaneſt trifles | art,
pleaſe; | Does an intrinſic worth impart.

Anſwered alſo by Miſs Maria *of Grange, Dorſet.*

Momentous Matters I conceal, | Who am I then, pray now reveal?
And kings and princes bind; | You're SEALING WAX I find.

The ſame anſwered by Mr. Rich. Dening.

Your lines, Dear Mall, on SEALING WAX, were wrote with ſkill and art:
Who then can doubt a prize to have, that once hath won your heart.

Alicia *anſwers it thus.*

Without deep reflection, or much conning o'er,
I believe I can gueſs at the prize;
SEALING WAX ſeems to be the matter in ſtore,
You've endeavour'd with art to diſguiſe.

Mr. Geo. Biggs *thus anſwers* it, *and Mall Ormiſhaw's Acroſtical Rebus.*

Whoever ſhall dare, DICK SHIN's lines to compare,
With your Sealing Wax we ſo delight in;
I firmly believe he never will give
Such an elegant proof of good writing.

Ingenious and particular Anſwers were alſo given by the following Perſons; viz. *Tho. Adcock, Adeliza, Agnes Anwil, J. B. Beatrice, E. C. Tho. Chapman, J. Charlton, Wm. Cole, John Fearn, Geo. Firth, T. G. J. G——y, J. Goodaker, Hamlet, Eliz. Haycock, S. Hewſon, W. Hurn, P. J. Julia, Giles Lacey, Ledbey, Ludimagiſter, Peggy Lugg, Maria, John Matthewſon, J. Mills, Ri. Moyle, My Lovely of Wigan, Myra, Polly Oſborne, Fr. Pakeman, John Parker, Rob. Richardſon, Wm. Robſon, Tim. Scribblefcrabble, Selema, Selena, Amelia Stanhope, Sylvia, I. Tarrat, Charlotte Tovey, Tho. Truſwell, T. Vaughan, Eliz. Wallis, Wm. Wells,* and *W. Woodhouſe.*

On

On a COUNTRY LIFE.

Being a general Answer to all the Enigmas, by Mr. T. Sadler.

Aonian Maids! inspire my artless Lays;
O aid my Muse, a Country Life to praise
To traverse smoothly o'er the chequer'd Plain,
And not in Fetters cramp the rural Strain;
But free, like Pope's or Waller's flowing VERSE, 4.
The Pleasures of a Country Life rehearse.
Absorb'd in THOUGHT, oft' as I wander'd by,
On * Hanmer's fair Arcadia cast mine Eye, 7.
To view the Beauties of the Fabrick round,
Where Taste appears, and Elegance is found;
The P—leasing Spot, Pomona's fruitful Grove, 8.
Where Warblers chaunt their joyful Tales of Love;
Where Sylvia, peerless Maid, meets, with a BLUSH, 8.
Her Swain, to chat beneath th' expanding Bush,
And SEAL with Kisses Damon's last Request, Pr.
To visit Hymen, be for ever blest.
With true Delight, with ev'ry mental Joy,
That Love can give. True Love can never cloy, } 1.
When join'd to Friendship, and dear LIBERTY †.
See, *Plenty* smiling on the happy Pair, 3. *allud. to a Knife and Fork.*
Their BOARD is crown'd with rich and wholesome Fare, 6.
The merry Peasants round about them sing;
Their Toil's a Pleasure at Return of Spring,
Whose beauteous Landscapes, rushing on the Sight,
Involve a giddy Thought in fond Delight.
Where joyful Nymphs, and jocund Swains, prepare
For merry Gambols, free from Thought and Care;
Yon tow'ring Trees, the cool expanding Shades,
The fertile Fields, and fragrant flow'ry Meads,
The painted Valleys, Ceres' golden Dales,
Th' AMENIAN Ground, where Zephyrs fanning Gales 10.
Waft gentle Breezes to salute the Spray:
Such Scenes to me make Fancy ever gay.
Lo! as I traverse o'er th' adjacent Plain,
What charming Prospects I behold again!
The spacious Lawns, each Edifice and Bower,
The Cambrian Mountains, Wrexham's lofty Tow'r,
The Wellshman's Wonder, Virtuoso's Pride,
Old Chester's Spires, with curious Things beside,
Castles and Towers, the Wrekin's Top so high,
Whose tow'ring Height assails the azure Sky;
All these, and numerous rural Scenes, appear;
The Hounds and Huntsmen, in their CHASE, Career; 1.

The noble Sportſmen, emulous and free,
Chaſing ſly Reynard t'wards the Banks of Dee;
Or elſe poor Puſs o'er yon extended Plain;
The HORN bids Echo ſound the chearful Strain: 9.
Such rural Pleaſure, ſuch delightful Sport,
Is far before the Splendour of a Court.

* A Country-ſeat near Hanmer, where this Poem is ſuppoſed to have been written.

† The Miſtake here of *Liberty* for *Hunger* might eaſily happen, conſidering the Darkneſs of the Compoſition of the Enigma: it is, however, a much better one than ſome of the others, which, though often too long for the Work, yet contain none of the eſſential Properties of an Enigma; and their Compoſition ſo little appoſite to the Thing intended, that it is almoſt impoſſible to gueſs them. And, indeed, ſcarce any Perſon has ſent the true Anſwers to them all this Year; as will appear by the following general Anſwers, where ſome have failed in one, and ſome in another. We beg therefore, that, in future, our Correſpondents will not only make their Enigmas and Solutions as ſhort as poſſible, but that they will well inform themſelves of the eſſential Qualities of them; and conſider, that their Goodneſs does not conſiſt in their being very difficult to diſcover, but rather in the contrary; that a well-compoſed Enigma is ſcarcely ever difficult to unriddle (as they may perceive by the Prize Enigma every Year, to which nobody ever ſends a wrong Anſwer); that the Compoſition ſhould chiefly conſiſt of pretty Junctions of ſtriking Oppoſites, as in the laſt two Lines of the Enigma, whoſe Solution occaſioned theſe Remarks; or, where the Language is barely deſcriptive, that the Deſcription belong peculiarly, and lead directly, to the Subject, as this Line in the ſame Enigma, *Bleſs with his ſimple Food and me*; and ſtudiouſly avoid Expreſſions and Deſcriptions intended to lead from the Subject, &c.——We alſo diſapprove of the propoſing of new Things in the ſame Compoſition with the Solutions.

A general Anſwer to the ſame, by Miſs Peggy Lugg.

Happy the Man, whoſe tranquil Breaſt
Of ſolid Friendſhip is poſſeſt,
(I mean in all its Pow'r;) 2.
Whoſe Judgement's clear, whoſe Health is good;
Who in Retirement eats his Food,
Nor knows a tedious Hour.
Though Fortune's WHEEL no Affluence gives, 1.
With Peace and ſweet Content he lives,
Nor wiſhes for the Wealth
Of white-glov'd Beaux in *Gaming* Room, 9, 6.
Who madly Day and Night conſume,
Their Reaſon, and their Health.
Quite diff'rent Things his Time employ;
Nor POVERTY Malice can annoy 3.
The Calmneſs of his Soul:
In POETRY he finds Delight; 4.
The Conſciouſneſs of acting right
To him's worth more than all.

What

When told how Virtue by the baſe
Is praiſ'd, he mourns the human Race, [cries, 8.
And, BLUSH-ing for them, Though Wealth and Vice together reign, [dain 7.
To me 'tis FICTION; I'll diſ-
What Conſcience may deſpiſe.
This noble Reſolution SEAL'D, *Pr.*
He's by no Sophiſtry prevail'd
To act as modern Wits;
The World's Applauſe he thus contemns;
While Virtue whiſpers him AMEN; 10.
In Hope ſecure he ſits.

Anſwer to the ſame, by Mr. G. Lacey.

To Miſs Peggy Lygg.

OP—eggy, faireſt of the fair, 2.
How can you think me inſincere?
If farther Teſtimony you
Want of my Love, this deign to view. [no more 4.
When HUDIBRASTIC VERSE
Shall charm as now, and here-tofore;
When the Poſt-boy with his HORN, by Night, 9.
Shall poſt on SWIFT as FANCY's Flight; 1, 7.
When CRIBBAGE-BOARD ſhall dance and ſing; 6.
When SEALING-WAX ſhall ceaſe to cling; *Pr.*
When KNIVES and FORKS with HORSES fait; *Lat.*
When I for Boys with you diſpute;
When HUNGER's baniſh'd from the Nation; 5.
When I ſhall BLUSH to own my Paſſion; 8. [you
Then, O, and not till then, may
Think I can ever prove untrue.
Grant, O ye Pow'rs, that I may win [AMEN! 10.
This lovely Fair! AMEN!

The ſame anſwered by Mrs. Eliz. Wallis.

Come leave your SWIFT, ſays Dick, my Dear; 1.
Let's go together to the Fair,
The Maid with BLUSH-es gave Conſent, 8.
And to the Fair with Richard went;
Where innocently they regale
With good Roaſt-beef, with Cakes and Ale. [*Fancy*, 7.
Some Trifle, juſt to pleaſe her
As Fairings, Richard gives his Nancy: [nigh,
And, as their Wedding-day draws
Some uſeful Things they alſo buy;
As KNIVES and FORKS, Bed, Cheſt, and Table, 3.
A P—ot, a Skimmer, and a Ladle. 2.
No CRIBBAGE-BOARD for Gameſter's Uſe, 6.
But Things quite uſeful, not profuſe,
Fit Furn'ture for a homely Cot;
The honeſt Shepherd's happy Lot:
Here, free from HUNGER, Noiſe, and Strife, 5.
Live honeſt Richard and his Wife.
And now this EIGHT-FEET VERSE, alas! 4.
I cannot vie with Hudibras;
Yet hope to gain your Di'rties ten,
And, to conclude, will ſay, AMEN. 10.
And, ſince I now can rhime no better,
With SEALING-WAX I'll cloſe my Letter. *Pr.*
I'm quite in haſte; for, lo! I hear
The Poſt-boy, with his HORN, is near. 7.

An Anſwer to the ſame, by Mr. Iſaac Gumley.

Addreſſed to Miſs ***** ******.

When I on thy Beauty gaze,
How can I forbear to P—raiſe! 2.
When I view thy piercing Eyes,
What Senſations do ariſe!

SWIFT as THOUGHT they do impart 1, 7.
Strange Emotions to my Heart.
I forget my former Glee,
And become a Slave to thee,
Loſing all my LIBERTY. 5.
Native Paint your Cheeks adorn,
BLUSHING like the roſy Morn: 8.
In each Feature I can find
Something to delight the Mind.
From your Lips a Breath exhales,
Sweeter than Arabia's Gales.
How exalted is my Bliſs,
When I SEAL them with a Kiſs! Pr.
But, to form your Shape and Air,
All the Graces do repair,
And exert their utmoſt Care.
But, though I Externals boaſt,
Your mental Charms delight me moſt:
There keen Wit and Senſe reſide,
Free from ev'ry Spark of Pride;
There's Good-humour, kind as free,
Love, and Truth, and Modeſty.
But, alas! I ne'er ſhall find
Words to paint your Charms combin'd,
Had I Pope's extenſive Mind.
Then, my dear enchanting Fair,
Bid me not to love forbear;
For I never, never can,
'Till I ceaſe to be Man.
Some, delighted, can rehearſe
Butler's *Hudibraſtic* VERSE; 4.
Or, with Numbers ſoft and ſweet,
Shew the Paper's ſpotleſs *Sheet*. 9.
Some at CRIBBAGE ſpend their Days, 6.
And their Nights at fooliſh Plays.
Some delight to hunt the Field;
Some the KNIFE and FORK to wield. 3.
But 'tis you, and you alone,
I deſire to make my own.
O, my deareſt Charmer, then,
Say to my Deſires, AMEN! 10.

The ſame anſwered by Mr. R. Chamberlain.

My artleſs Muſe aſpires to ſing the P—raiſe
Of fair Narciſſa, and her melting Lays:
Thoſe Lays, recorded in the * Liſt of Fame,
Have gain'd thee, matchleſs Maid, a deathleſs Name.
Thy myſtic VERSE, how pleaſingly conceal'd!
Thy ſweeter Accents have † deep Truths reveal'd.
Thy rural Notes my gentle Heart inſpire;
Thy flowing Lines have ſet my Soul on Fire:
As early Dew-drops deck the BLUSH-ing Morn;
So mental Graces do the Maid adorn.
Awake, my Muſe, to ſoft Sicilian Strains;
Awake, ye Nymphs, and Shepherds of the Plains;
Ye Bards, who drink at Aganippe's Spring;
Who of the Britiſh Fair delight to ſing;
In Harmony unite your choiceſt Lays,
To celebrate the fair Narciſſa's Praiſe.
Ye ruddy Swains, that bloom with roſy Health,
That prize your LIBERTY far more than Wealth;
Ye ruſtic Dames, that turn the Spinning-wheel;
Ye ſprightly Fair, that ornament the REEL;
Ye auburn Maids, that trace the flow'ry Dale,
To feed your Lambs, or bear the Milking-pail;
Come, trip the Dance upon the verdant Green,
To celebrate Narciſſa, your fair Queen.

Awake,

Awake, ye Loves; ye Graces all, advance;
Attend, ye Virtues, at the mazy Dance.
And thou, Clarissa, instantly prepare
A flow'ry Chaplet, for Narcissa's Hair,
O deign, ye Muses, to attend the Train;
And hail Narcissa Empress of the Plain.
O, might I but at Hymen's Altar stand
With lov'd Narcissa, there receive her Hand;
I'd plight my Troth before the hallow'd Shrine;
With Pleasure too my Freedom I'd resign;
Nay, more, I'd quit a Crown, to make her mine.
Then come, Narcissa, take your constant Swain;
With Joy receive and wear the golden Chain;
Complete the Contract, sign it with the Pen;
Let Angels SEAL the Knot, and say, AMEN! Pr.
How great the TROVERT! with such a Treasure blest,
What Raptures would o'erflow my glowing Breast!
Ye fleeting Posts, proclaim the Tidings round;
Let joyful Peals from lofty Steeples sound.
With charming Plenty see the Table stor'd;
Enamell'd KNIVES and FORKS do grace the BOARD,
O come, sweet Virgins, come without Delay;
Vouchsafe to honour this our nuptial Day.
With Damask-roses deck our bridal Bed;
And let the softest SHEETS be smoothly spread:
But Myrrh and Aloes now be laid aside;
Nor Cinnamon, nor Cassia, provide:
O far more fragrant is a virtuous Bride.
Let not too anxious Cares our Bliss annoy;
But each succeeding Hour be crown'd with Joy.

* *Lady's Diary.* † *Her general Answers* 1772.

Piscator thus answers the same.

Twenty Times the glorious Sun
Now his annual Course has run,
Since the happy Knot was ty'd,
Since lov'd Mira was a Bride.
Let the HOUNDS and echoing HORN 9.
Usher in the rosy Morn;
Let the Bells in Steeples ring,
While the Birds in Chorus sing;
Smooth and calm the Minutes pass,
Smooth as SEALING-WAX, or Glass. Pr.
Oft', to pass the Time away,
We at Whist, or CRIBBAGE, play; 6.
VERSES make, to please our FANCY; 4. 7.
While sweet, smiling, FLAXEN-lag Nancy, 8.
Underneath the shady Tree,
Marks her Sampler with a P; 2.
Sometimes, in the Month of May,
Take a FORK, and turn the Hay. 3.
We have FARRINGALES quite near, 1.
And new Spinning-wheels complete. [ne, 5.
No forc'd APPETITE have
But are chearful, blithe, and free.
Now it's time to drop the Pen,
So conclude, and say, AMEN. 10.

Mr. Wm. Wells *thus answers the Enigmas, together with* Horatio's *Anagram,* Mall. Ormishaw's *Acrostic, and* G. Lacey's *Treat.*

As Molly turn'd her REEL around, 1.
The P—ostboy's HORN she THOUGHT did sound, 2. 9. 7.
'Twas then just Twelve—she left her work, [FORK; 3.
And up she takes the KNIFE and
Sits down to dine on Dishes neat,
The very same as Lacey's Treat;
A *Salmon, Turkey, Goose,* and *Duck,*
Her Table grac'd; and, by good Luck, [Rum;
She'd *Port* and *Shrub,* and *Punch* of
First drinks a Health to *Conundrum*;
Then to all the rest in the Dis'ry plac'd, [grac'd.
Except *Dick Shin,* for he's dif-
The Table's drawn, and Molly goes
A new *Ænigma* to propose. 4.
She said, the Subject would afford
More Pleasure than the CRIBBAGE-BOARD; 6.
Fine SEALING-WAX it would outvie; *Pr.*
'Twas better far than LIBERTY. 5.
Nor could the Linen, white and clean,
Equal what she there did mean.
Now what she'd veil I begg'd to see;
No, no, she cries, that must not be;
For, should young Damon chance to know,
It may, perchance, me overthrow,
I'll bet you Odds then I reveal
What there you strive so to conceal;
You Marriage mean, I make no doubt. [out.
In truth, says she, you've found me
Then may you soon be Damon's Bride! [cry'd. 10. 8.
AMEN, young Molly, BLUSH-ing,

Dr. Conundrum *thus answers the Enigmas, Rebuses, Treats, and Anagram; with a new Proposal of some Games at Cards.*

Let SKEIGNER, good *Hannah,* I pray thee, alone; 1.
And bring hither the great Elbow-chair and my Gown.
This *Napkin,* that CRIBBAGE-BOARD, Thomas, set by; 9. 6.
With Ink, Paper, Pens, SEAL-WAX, the Table supply. 2. *Pr.*
And do'st hear, *Tom*; go saddle the Strawberry *Mare,* *Lat.*
And to carry this Letter to *Bedale* prepare.
To *Uttoxeter, Burnham,* nor *Sevenoaks,* I write;
To *Dick Shin,* nor the fair BLUSH-ing *Stanhope,* indite; 8.
But to you, *Moll* and *Giles,* my good Diary Friends,
Old Doctor *Conundrum* his Compliments sends.
Your additional Courses are good;—on my Life!
At a better I ne'er hope to use FORK or KNIFE. 3.
To indulge my POETICAL FANCY, I've sent you 7.
A Bill of the Fare, all in VERSE, to content you, 4.
Two *Turkies* and *Oisters, Goose, Salmon,* and *Hare,*
And a Pair of young *Peacocks,* I vow and declare;
Tongue, Lobsters, Duck, Pigeons, Cheesecakes, and *Mince'd-pies,*
To make your Mouths water, and APPETITES rise. 5.
Punch, Madeira, Port, Lisbon, Shrub, Perry, and—what!
On my Honour and Credit, I've really forgot.
Entre nous, my dear Friends, were it mal-à-propos,
Should we seat us at Cards for an Hour, or so?
By the bye, if you like the Proposal, I've here
Sent a few select Games, with my Congé d'é lire.
First, "a private Distaste" will discover my Mind,
With "a Letter, the Symbol of Aptitude," join'd.

From "one Fourth of a Circle" the Moiety take,
Add "a fair lucid Stream;" and the ſecond 'twill make.
For the next, "a French Ghoſt" I greatly admire.
But, ſhould you more humble Amuſements require,
At "Huſh", or at "Trade", let us caſt away Care,
Or play "the Sun ſtar", combin'd with "two Pair";
With "a fam'd Female Pontiff", will paſs the dull Night,
Or in "driving the Rogue from our Gates" take Delight.—
But, Buſ'neſs diſpatch'd, I ſhall now drop my Pen,
And conclude my Addreſs with a final AMEN.

Various other general Anſwers to the Ænigmas, &c. were given by Meſſrs. *Steph. Hodges, James Mills, A. Serious, Tho. Vaughan, Steph. Williams,* and *W. Woodhouſe.*

Anſwers to the QUERIES *and* REBUSES.

I. Query *anſwered by Dr.* Conundrum.

On Ida's Mount, when Juno ſtrove
With Pallas, and the Queen of Love;
The Trojan Swain, with ravith'd Eyes,
To Venus judg'd the golden Prize.

But Ida here in England ſee,
And let Conundrum Paris be;
Though Beauty charm, though Splendor ſhine,
The Palm, O Wiſdom, ſhall be thine.

II. Query *anſwered by the ſame.*

The Soul, diveſted of its governing Paſſion, naturally ſinks into a dull and taſteleſs Langnor; from which State of Inſipidity it cannot be reclaimed but by the Acceſſion of new Deſires, new Purſuits. In this Situation then are the old. If the Pleaſures of Youth abate not of their Attractions, at leaſt Age is but badly qualified for the Enjoyment. As their laſt Reſource, they betake themſelves to the Accumulation of Riches; and, as they advance in Years, their Avarice increaſes proportionably to their Diſtaſte for other Purſuits, or Impotence of enjoying them.

The ſame anſwered by Mr. Richard Moyle.

As People advance in Age, it is known, that they gradually loſe their reaſoning Faculties, and become as Children, who are pleaſed with amaſſing the Toys of this World, and are unwilling to be ſeparated from them.

III. Query *anſwered by Dr.* Conundrum.

Fathers, Obedience ne'er by Force exact;
Let grateful Love inſpire the free-born Act.

While abject Fears the groveling Dæmons move,
Heav'n claims the pure Automaton of Love.

The ſame anſwered by Mr. R. Moyle.

Though the Fair Sex in general are moſt deſirous of filial Duty ariſing from Love; yet I think that true filial Fear is more deſirable, as we are certain it cannot radicate, unleſs Love reigns in the Bottom; and ſo Obedience would germinate from Fear grounded on Love.

Mr. James Mills *ſays,*

To obey with Love I recommend,
And fear but only to offend.

IV. Query *anſwered by Dr.* Conundrum.

I cannot better attribute this ſoftly ſoothing Power, than to that conſcious Purity which Horace has ſtiled a Brazen Bulwark: ſo juſt

this ethic Maxim, which, from the ſweet Reflection of our Innocence, raiſes us a Defence in the Hour of Danger, a Conſolation in the Hour of Diſtreſs. It is that, that diſſipates the Clouds of Terror, binds the Waves of Affliction ſubſide, and breathes a gentle Calm throughout the Soul.

V. Query *anſwered by the ſame.*

Wealth, in this Queſtion, cannot ſtand in the leaſt Competition: and, though we cannot altogether include Health in the ſame Predicament; yet, by how much the Mind has the Aſcendant of the Body, with reſpect to Excellence; by ſo much ſhould the Sanity of the former be preferred to that of the latter. This Ratio, though ſimple, is abſolutely inconfrovertible.

VI. Query *anſwered by the ſame.*

The Cottabus and Amyſtis were feſtal Inſtitutions of the antient Greeks at their Sympoſia, or Compotations; and it is more than probable, that Health-drinking is deduced from the ſame Fount; but, whether we are to regard it as a convivial or hungary Uſage, I cannot aſcertain. That above 2700 Years have elapſed ſince the Riſe of the Cuſtom, we learn from the Evidence of Homer, who flouriſhed about 940 Years before the Chriſtian Æra, and who has introduced Ulyſſes at a Banquet in his 9th Iliad, complimenting his Heſt with a *Sabet*, Achilles. Plautus (ant. Chr. 200) uſes the expreſs Phraſe, *propino tibi ſalutem*. And we find from Martial, that Toaſting the Ladies was in Vogue 1700 Years ſince.

Mr. W. Wells *(the Propoſer)*, *Mr.* Clarke, Gaffer Dick, *and Mr.* Wm. Heighton, *derive the Cuſtom from the Daughter of*

Hengiſt, general of the Saxon Army, about the Year 450, who, having the Iſle of Thanet given him by king Vortigern, for aſſiſting him againſt the Picts and Scots, invited that King to an Entertainment; at the Concluſion of which he calls upon his Daughter, whoſe Name was Rowena, who enters, richly attired, and with a graceful Mien, having a golden Bowl of Wine in her Hand, of which ſhe drinks to the King, ſaying, *Lord King, Waſſail*, to which the King replied, *Drink Haſſail*. This claims the Authority of above 1300 Years.

Beſides the Names already mentioned, all, or ſome, of theſe Queries were anſwered by Meſſrs. *Thomas Atkinſon, W. Hurn, and Ja. Mills.*

A general Anſwer to the Rebuſes and Anagram, by Miſs Peggy Legg.

Miſs *Hannah Bedale's* juſt come down 1. 3.
From Burnley, Sophy's favorite town: 2.
Of *Sevenoak* ſhe often tells, 4.
Where *Stanhope* all her Sex excells. 5.
Conundrum highly ſhe eſteems, *Ana.* But poor *Dick Shin* ſeverely blames. *Acr.*
Uttoxeter ſhe talks of much, *Acr.*
And ſays, of Bentley, there's none ſuch;
So ſmart, ſo ſenſible, ſo clever;
And ſeems quite happy in his favour.

The 5th Rebus anſwered by Mr. John Matthewſon, *of* Fatfield.

Miſs *Stanhope* is the Fair, I find, | Whom Lacey thinks is ſo refin'd.

All, or ſome of the Rebuſes were alſo anſwered by *Beatrice*, Mr. *Rich: Deming*, *Thomas Fiſher*, *Hamlet*, *W. Hurn*, *Ludimagiſter*, *Ja. Mills*, *Moyle*, *Ruſticus*, *Sylvia*, *Tho. Truſwell*, and *Wm. Wells.*

I. Enigma,

I. Enigma, 542, *by Mr.* Wm. Wells.

Five Letters do compose my Name,
Forwards and backwards read the same.
In Music's Charms I'm known to dwell:
Then who I am be pleas'd to tell.

II. Enigma, 543, *by the Rev. Mr.* Vaughan, *A. M.*

I am no Upstart; you must understand
I have a Title, though I have no Land.
I've four and twenty Heads, when counted o'er:
But then my Feet exceed four hundred Score.
Priss'ner I keep a Queen; she cannot stray;
Nor can she ever see the Light of Day.
Perhaps, you'll think me barb'rous so to do;
But from my Mansion she ne'er asks to go.
I cut a Figure throughout all the Land;
I've more than forty Pages at Command;
They constantly attend me Night and Day,
Unless by murd'ring Hands they're torn away.
The Sun and Moon in Letters I confine;
But many Saints I make in Scarlet shine.
Though others I confine, I can't but say,
That I'm confin'd myself, until I pay
A Premium for my Freedom; then I dare
Go round the Country, visit ev'ry where:
I am no Slave; yet with Truth 'tis told,
For six-and-thirty Pieces I am sold.

III. Enigma, 544, *by Mr.* Rich. Chamberlain.

Diarian Ladies, known to Fame,
Whose Deeds have gain'd a lasting Name,
O deign with Candour to attend;
For I'm your fare devoted Friend;
And come you equal my Fit to cheer,
Tho' now in Masquerade appear.
Perhaps you'll think some fav'rite Ape
Is coming now, in antic Shape.
Antic indeed!—I sometimes range;
And, Proteus like, I often change.
Sometimes an Oblong I remain;
Sometimes an horizontal Plane.
Anon the sloping Hills prevail,
And rise above each flow'ry Dale;
Where Damon and his rural Fair
Recline, beside their fleecy Care;
Where Venus lov'd Adonis meets
Among a Wilderness of Sweets;
Where young Ascanius was laid
Asleep, beneath the rosy Shade.
My ornamental Colours shew
The brightest Tints of Iris' Bow.
Sometimes I'm dress'd in virgin White;
Sometimes in Sable, black as Night;
And oftentimes you may beheld
Me deck'd in ornamental Gold.
Again, in Azure I am seen,
Or wear the brightest verdant Green.
How quaint Change but the Scene; and then
In Rags and Tatters I appear!
No more may I your Favours court;
But prattling Miss makes me her Sport.
When Eurus from the East does blow,
And Trees are perriwig'd with Snow;
Or when the hoary Frost comes forth,
And Boreas blusters from the North;
I disappear—am quickly flown,
And ply beneath the Torrid Zone.
Now, O ye vers'd in mystic Lines,
Whose Complaisance and Wit combines;
Without Delay my Name declare,
And Bays and Laurels you shall wear.

IV. Enigma.

IV. ENIGMA, 545, *by Mr.* Isaac Gumley.

To you, O ye Fair, my Exiſtence I owe,
Though born, without doubt, many Ages ago.
On me you beſtow many wonderful Favours,
Such as are deny'd to your heart-wounded Cravers,
I moſtly attend you, wherever you go,
As fine in my Dreſs as a ſprightly young Beau.
I'm yellow, I'm red, I am verdant, and blue;
Juſt, whatſoe'er Colour agrees beſt with you.
Unto no particular Form I am bound;
For I am both corner'd, indented, and round:
Or, if you've a Mind to diſcover your Art,
I'm frequently ſeen in the Form of a Heart.
And ſurely your Lovers, who ſigh and who flatter,
And of their Diſtreſſes continually chatter,
Did never receive, be they ever ſo ſtupid,
So many keen Darts from the Quiver of Cupid,
As thoſe which you daily do plunge in my Bowels,
Becauſe you affirm I am uſeful no how elſe.

V. ENIGMA, 546, *by Mr.* Sam. Bentley.

My Body's thin, of little Length:
Yet boaſt of elephantine Strength;
And tho' both Jaws and Mouth I lack,
Two Rows of Teeth adorn my Back.
Springing in oppoſite Directions,
Divided all by niceſt Sections;
And, though as pure and white as Ermine,
All my Employ is catching Vermine.

VI. ENIGMA, 547, *by Miſs* Peggy Lugg.

Not in the Paths of Noiſe or Strife,
Nor with the Great I lead my life,
Nor wait on you, ye Fair;
In rural Peace I chooſe to dwell,
Or with the Anch'rite in a Cell,
Devoid of Pain or Care.

With Moſs o'ergrown, or Woodbines twin'd,
Whoſe Branches keep both Sun and Wind
From ent'ring this Retreat;
Down by its Side a murm'ring Brook
Glides ſlowly on from Rock to Rock;
Here I may fix my Seat.

When Night her ſable Wings has ſpread,
On ſome fall'n Tow'r, who'd rear'd its Head,
But now in Ruins laid;
There I reſort; or on ſome Tomb,
Or in a Cavern's diſmal Gloom,
In Silence lay my Head.

But, when the Twilight leads the Day,
Strait to my Cell I take my Way,
With ſlow, majeſtic Pace;
Shunning the Buſtle of Mankind,
I in the darkeſt Corner find
Juſt Room to hide my Face.

The Augurs of the Roman State
Have, by my Aid, preſag'd the Fate
Of Cæſar and of Rome;
Yea once, becauſe I did appear,
They thought their Empire's Fall was near,
And trembled at its Doom.

At Athens, Men of great Renown
Thought me the Guardian of the Town:
At Lacedemon—there
To give my Worth to After-times,
They ſtamp'd my Image on their Coins;
An Honour few can ſhare.

I'm not ſo much revev'd juſt now;
Though ſome my Merit dare avow;
To them my Aid I lend.
More might I tell, but muſt be gone;
For, ſee! the Day is coming on;
In haſte—my Tale I end.

VII. ENIGMA.

VII. ENIGMA, 548, *by Miss* Sophia Primrose.

Dear Ladies, awhile your Attention pray lend
To me, who have been your moſt intimate Friend.
Though now my Acquaintance perhaps, you may ſcorn,
And, for other Amuſements, may leave me forlorn;
Yet your blooming young Daughters my Beauties will ſee,
And ſtill find a pleaſing Companion in me.
However neglected I am by their Brothers;
Some think, that I make them more fit to be Mothers.
By my Maker intended for Life's early Morn,
Like theirs are my Beauties, like theirs is my Form.
Tho' you ſpoil my fine Face, tho' you rail with your Tongue,
However you abuſe me, I ne'er ſay 'tis wrong.
Such various Materials about me appear,
Not more can adorn the moſt elegant Fair;
When deck'd for Aſſembly, the Play, or the Ball,
In ſplendid Apparel I outſhine them all.
Nor think to your Charms it is any Diſgrace,
If the Roſe and the Lilly exceed in my Face:
Though ſometimes, indeed, I am poorly array'd,
When, in the lone Cottage, ſome innocent Maid
Arrays me in what ſhe can ſooneſt procure;
For I'm no leſs happy, when prac'd with the Poor.
In Gold and in Silver I oftentimes deal;
And ſerve, in my Station, the beſt Commonweal.
Let Perſia, Golconda, and richer Peru,
Exhauſt all their Gems; to add Luſtre to you;
Both Peru, Golconda, and Perſia's rich Die,
Impower me in Splendor with you for to vie.
Sometimes I'm a Beau, and all cover'd with Lace;
A Shepherdeſs oft', with an unmeaning Face;
Anon the brave Soldier I in Scarlet appear;
And again the fair Virgin, yet know not to fear.
Much more of my Perſon and Parts I could ſay;
But enough, my dear Ladies, you'll gueſs me ſtraitway.

VIII. ENIGMA, 549, *by Mr.* T. Carpendale, *Teacher of the Claſſics at Biggleſwade Boarding-School.*

Ladies, make Room; attention pray,
Whilſt we our Conſequence diſplay;
No Strangers we're to you:
Tho', if we were, that's no Diſgrace,
To Strangers oft' you give a Place;
Find one then for us two.

In brilliant Gems we often ſhine;
And ſable India's fertile Mine
For us exhauſts its Treaſure:
But, ſhould we ever loſe our Wealth,
Or from our Place be ta'en by Stealth,
We're ſure t'incur Diſpleaſure.

Tho' we don't always ſtand appear;
A plainer Morning's Dreſs we wear;
Thus to the Park we move.
With Chloe or with Celia fair,
We ride, or walk, to take the Air,
In ſome ſequeſter'd Grove.

In public Streets, dreſt up quite fine,
Thro' the tranſparent Glaſs we ſhine,
(Don't envy our Condition)
In Rows, perhaps red, white, and blue,
You'll find us there hung up to view;
For that is our Poſition.

A fetter'd Captive I appear at last;
She ſmiles relentleſs, while ſhe binds me faſt.
The youthful Bands in Triumph ſhout to ſee
A helpleſs Wretch deprived of Liberty.
Perhaps you'll aſk, where I receive my Birth:
My Sire was Phœbus; and my Mother, Earth.
Where diff'rent Natures, diff'rent Manners reign,
And various Nations crowd the peopled Plain;
Where Murder, Rapine, Devaſtation dire,
Devour unceaſing in their vengeful Ire;
There was I born, in vegetative Pride,
And fondly bloſſom'd by a Parent's Side.
Ah! hapleſs he! who, wand'ring far from home,
By dire Miſchance is led thoſe Wilds to roam:
No pitying Eye, no friendly Hand, can ſave
The trembling Wretch from an untimely Grave:
By bloody Monſters torn, he yields his Breath,
Devour'd, while gaſping in the Pangs of Death.
Of old, Cyrene led her darling Son,
Through ſubterraneun Deeps, and Worlds unknown:
He ſaw the Wonders of my dread Abode
Through all his Journey to the Wizard-God.

ÆNIGMA *Doctoris Conundrumi.*

Ὁ μὲν χάος μ' ἐτικτε,
Ἐτικτεν ἠὼ ἀνδρα,
Πεδὴς δ' ἐμῶ φοναὶς τε
Ἐμοιτε Ζεὺς ἄμοιρος
Ἔλαυνε τέσσαρ' ἀνθρ.
Τάδ' ἐκ νέας ἀκούσεν,

Ἀφ' ὧχετ' ἐκ τῦ τελευτᾶν.
Τὸ λείριόν γε πρῶτον
Θαλυσκεν, ἡδὲ μύζει·
Τότε πλὴν τε δάκρυσι
Κλαῖκε τε κυκμήσεσι.

New QUERIES, *and* REBUSES, *&c.*

I. QUERY, *by Dr.* Conundrum.

Whether the greater Want, ſince either great,
Meet without Stomachs, Stomachs without Meat?

II. QUERY, *by Mr.* John Batkin.

From whence aroſe that inhuman and barbarous Cuſtom of throwing at Cocks and Hens on Shrove Tueſday?

III. QUERY, *by Mr.* G. Lacey.

Which State is productive of more Happineſs, or, on the contrary, more Diſquietude, Celibacy or Matrimony?

IV. QUERY, *by Mr.* W. Hurn.

When were Cards firſt invented, and on what Occaſion?

V. QUERY, *by Mr.* Iſaac Gumley.

Dear Ladies, bleſt with ev'ry Pow'r to pleaſe,
Enchanting Beauty, Wit, and graceful Eaſe,
Inform me, why you ſlight your faithful Swains,
Contemn their Sighs, and laugh at all their Pains;
While loveleſs Coxcombs ſink into your Arms,
Enjoy your Smiles, and riſle all your Charms?

VI. QUERY, *by Mr.* Alex. Rowe.

'Tis generally aſſerted, that the great Philoſopher Ariſtotle threw himſelf into the Sea, becauſe he could not diſcover the Cauſe of the ebbing

and

and flowing of its Tides: now, if he did ſo, was it on the account of the common Tides of the Ocean, or thoſe of any particular Branch of it?

I. Rebus, *by Mr.* John Matthewſon, *of* Fatfield.

A Hundred, when wrote in the ſhorteſt Degree,
Two Thirds of a Wood, the ſtrongeſt you'll ſee;
Join Fifty to theſe; from which will appear
A Thing that is uſeful throughout the Year.

II. Rebus, *by Mr.* Thomas Vaughan, *A. M.*

A Thing that perplexes us both Day and Night;
And half of a City where Learning ſhone bright;
To theſe muſt be join'd the ſixth Part of a Name,
Whoſe Equal is not in the Annals of Fame;
All rightly connected, there ſoon will be found
A Diarian's Name, fam'd the Nation all round.

III. Rebus, *by* The Gazetteer.

That female Perfection Men longeſt admire;
That Charm of all Charms which exalts their Deſire;
An Aſſembly polite, by the Fair ever grac'd;
A muſical Inſtrument, fit for their Taſte;
A Motive to Marriage, too ſordid to pleaſe;
What to change gives the languiſhing Maiden Heart's Eaſe:
Join th' Initials of each proper Word—you'll from thence
Find a Partner that's ſought for by all Men of Senſe.

The Ladies Library, *Rebuſmatically deſcribed* by Loll Knabbe.

[*Note, That the following does not conſiſt of a mere String of Names, like moſt Pieces of this Kind; but almoſt every Poet that is mentioned is marked by his diſtinguiſhing Characteriſtic.*]

Give me Leave to preſent you, ye ſtudious Fair,
Who make your own Language ſome Part of your Care,
A Collection of Authors, all Dealers in Verſe,
Who the Charms of your Sex have been proud to rehearſe;
Some Dramatic, ſome Epic, ſome Lyric, you'll find,
Some Ancient, ſome Modern, the beſt of the Kind;
All true to the Fair, and all Engliſh to Boot:
Loll hopes, by ſuch Choice, ev'ry Taſte he ſhall ſuit.

Thus the Poet, who holds up the Mirror to Nature,
Shews Scorn her own Image, and Virtue her Feature,
The Pride of the Stage,—the firſt Honour may ſhare,
To an Ague's Effect add a Weapon of War.
The next in Theatrical Fame you'll divine,
If an Heir to a ſhort Chriſtian Name you ſubjoin.
A mere Fopling, fit only to dreſs and to dance,
Prefix to four Tenths of a City in France;
To three Fourths of an Inſect, too familiar and free,
Tack four Sixths of a Fruit, firſt inſerting a T;
And a bright Pair of Poets you'll inſtantly ſee.
The Support of a Houſe, and two Fifths a Miſtake,
Shew another whoſe Language the Graces all ſpeak.

A ſligh

A ſlight Toy for the Hand of a Lady, prefix'd
To four Fifths an old muſical Inſtrument, gives you a ſixth.
The Pride of a Triumph, and a Mate for a Ram,
Cutting off the laſt Letter, a ſeventh will name.
A Lion's Retreat, and a Part of a Beaſt
That figures it oft' at an Alderman's Feaſt;
The Food that you took, Ladies, when you were young,
And a Fiſh, give two more, who their Lyres have ſtrung,
And in Strains the moſt courtly your Praiſes have ſung;
What yields you the Diet moſt fit for a Child,
And (a Letter transpos'd) what a Falſity's ſtil'd,
Three Fourths of an Engine that powders our Grain,
And a Weight much in Uſe with the ſea-faring Men,
Form two others,—the firſt did his Miſtreſs inſpire,
The latter the Muſe—and a Muſe too of Fire,
To deſcend by Degrees from ſo lofty a Theme,
Two rivaling Wits firſt allow me to name,
Who ſtand high enroll'd in the Temple of Fame;
For the one, with the Name of a River unite
Two Thirds of a Brute, does in Miſchief delight;
To decypher the other, this Method purſue,
What a Rule of Arithmetic teaches to do
'Fore the Fruit of your Marriage ſo place, that between
A Vowel of Note may be patly ſlipp'd in.
As next theſe in Dignity, next them in Place,
Two others ſtep forward, your Study to grace:
A Term of Equality, fam'd in the Alley,
Prefix'd to the Name of a Girl (but not Sally),
Will give you the one; and the other you'll ſcan
By three Fifths of a Paſſion, was not made for Man,
When a ſhort Word is tack'd to't, to finiſh the Plan.
Four Dramatiſts next, lo! their Service preſent:
One Half of a Flow'r, of exquiſite Scent,
And one Half of a Point of the Compaſs, that brings
The Smell of th' American Pines on its Wings,
Exhibit the firſt; and the ſecond we diſh
In a Fountain annex'd to the coarſeſt of Fiſh.
For the Third, to two Fifths an amphibious Creature
Join the Road; and his Muſe paints the Feelings of Nature.
The laſt one, four Fifths of a Species of Tea,
And four Sevenths a mere Rhapſody of Words, will pourtray
Whoſe Scenes comic Art, Wit, and Humour, diſplay.
To conclude with a plaintive and elegant Bard,
Whoſe great Senſibility claims your Regard:
To four Sevenths an old Briton of right noble Race
Join the principal Strength of a fortify'd Place,
And your Fav'rite's Name you will eaſily trace.

*** *Two Prizes of ſix Diaries each will be given by Lot to two of the moſt and beſt Anſwers to the foregoing Queries and Rebuſes.*

Anſwers

ANSWERS *to the* MATHEMATICAL QUESTIONS *propoſed in the laſt Year's* DIARY.

I. QUESTION 655 *anſwered by Meſſrs.* Tho. Atkinſon, Cleonicus, Wm. Dear, Draconarius, Joſ. Jenner, Wm. Reynolds, Tho. Robinſon, *and* Ja. Young; *whoſe ſolutions are all nearly alike.*

PUTTING a, b, c, and d for the given numbers in the 1ſt, 2d, 3d, and 4th equ. reſpectively; then from the 2d and 4th equ. we have $y = \frac{b + dx}{x^2 + x^4}$, and from the 1ſt and 3d (firſt writing x in the 3d equ. inſtead of the fig. 2, it being wrong printed) we have $y^3 = \frac{ax - x^2}{c}$; $\therefore \frac{a - x}{c} \times x^7 = \left(\frac{b + dx}{1 + x^2}\right)^3$; hence x is found $= 14$. Then $y = 15$, $z = 75$, and $z = 53$ and the poet's name is POPE.

The ſame Queſt. is thus otherwiſe ſolved by Meſſrs. Wm. Cole, Gaffer Dick, Mark Elſtob, Edw. Reed, Wm. Spicer, Mic. Taylor, John Turner, *and* Ste. Williams.

Having obtained $y = \frac{b + dx}{x^2 + x^4}$ as above, by conſidering that x and y muſt be whole numbers not exceeding 26, by a few trials they ſoon find $x = 14$, and $y = 15$. Then from the other two equ. z and z are found as above.

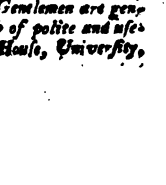
Mr. J. Cottom *proceeds thus:*

From the 2d and 4th equ. is got $z^2 z^2 = \frac{bx - d}{1 + x^2}$, which muſt be a ſquare whole numb. and x leſs than 26; whence x is got $= 14$; conſeq. $z^2 z^2 = 5625$, and $z z = 75$: then from the 2d or 4th given equ. is got $y = 15$. Hence the other two letters are got as above.

This Queſt. was alſo anſ. by Meſſrs. *Adcock, Coughron, King, Pamphagus, Parker, Rowe, Tarratt,* and *Shadgett* the Propoſer.

II. QUESTION 656 *anſwered by Meſſrs.* * R. Burrow, *and* G. Coughron.

CONSTRUC. Let the two given ſides AB, BC, be joined into one right line AC; upon which as a hypoth. deſcribe the iſoſc. right-angled triangle ACD; with the centers A and B, and radii AD and BC, deſcribe arcs interſecting in E; draw AE, BE; ſo ſhall ABE be the Δ required.



* *Late Aſſiſtant Aſtronomer at the Royal Obſervatory, now Maſter of an Academy in Park-Row, Greenwich, where young Gentlemen are genteelly boarded, and carefully inſtructed in every Branch of polite and uſeful Literature requiſite to fit them for the Compting Houſe, Univerſity, Army, or Navy.*

DEMONSTRA. Draw BF bisecting the vert. $\angle$ B; then since AB and BE ($=$ BC) are $=$ the given sides per constr. we have only to prove that AE $\times$ BF is a max. Now (by Eucl. VI, 3) AB $+$ BC (AC) : AE :: AB : AF :: BE (BC) : FE; $\therefore$ $AC^2 : AE^2 :: AB \times BE : AF \times FE =$ (by Simp. Geom. III. 26) $AB \times BE - BF^2$; whence by divis. and altern. $AC^2 : AB \times BE :: AC^2 - AE^2 : BF^2$, or $AC : \sqrt{AB \times BE} :: (\sqrt{AC^2 - AE^2} : BF ::)$ $AE \sqrt{AC^2 - AE^2}$ or $AE \times BF ::$ (per construction) $AD \times \sqrt{AC^2 - AD^2} : AE \times BF$, which is a const. ratio, and $\therefore$ when the one term of it is a max. the other will be so too; but $AD \times \sqrt{AC^2 - AD^2}$ is a max. by Simp. on the Max. and Min. of Geom. Quant: Theor. 6 (AD being $=$ DC) $\therefore$ AE $\times$ BF is a max. also.

COROL. If AE $\times$ BF had been to be a given quant. the same proportion would have determined the prob.

The Rev. Mr. *Crakelt* also gave an elegant constr.

An Algebraical *Solution to the same by Mr.* Ja. Young.

PUT $a = AB = 100$, $b = BE = 90$, and $x = AE$. Then $a + b : x :: a : \frac{ax}{a+b} = AF :: b : \frac{bx}{a+b} = FE$; and $BF = \sqrt{AB \times BE - AF \times FE} = \sqrt{ab - \frac{abx^2}{\overline{a+b}|^2}}$; then $AE \times BF = x\sqrt{ab - \frac{abx^2}{\overline{a+b}|^2}} =$ a max. or $\overline{a+b}|^2 x^2 - x^4$ a max. which fluxed, &c. we have $x = \overline{a+b} \times \sqrt{\tfrac{1}{2}} = 134{\cdot}35 = AE$. Hence $BF = \sqrt{\tfrac{1}{2}ab} = 67{\cdot}082$.

True Algebraical Solutions were also given by Messrs. *Atkinson*, *Cole*, *Dracenarius*, *Edwards*, *Elstob*, *Reynolds*, *Robinson*, *Rowe*, *Tarrate*, *Taylor*, *Turner*, and *Williams*.—Other solutions were sent, but they were not right.

III. QUESTION 657 *answered by Mr.* Alex. Rowe.

THE resistance of any body moving in a fluid being as the surface against which the particles strike drawn into the square of the sine of the $\angle$ of incidence, and the quantity of the fluid acting against the slant side of the cone being as the diff. between the areas of the greater and less end; if a be put for ($5\frac{1}{2}$) half the length of the cask, b for ($3\frac{1}{2}$) half its bung diam. and x for half the dif. between the bung and head diameters, we shall have $\overline{b-x}|^2 + x^2 . \frac{b^2 - \overline{b-x}|^2}{a^2 + x^2}$ as the resistance in direction of the length, a min. the flux. of which being made $= 0$, we have $x = \frac{\sqrt{a^2 + 4b^2} - a}{2b} \times a = 0{\cdot}67319$; and hence the head diameter $(2 . \overline{b-x}) = 1{\cdot}6536$ feet $= 19{\cdot}8432$

inches. Then (per Hutton's Menſ. p. 926) $103{\cdot}8432 \times 3 + 64{\cdot}1568 \times 132 \times {\cdot}00023209 = 1117{\cdot}18$ ale gallons = the whole content of the caſk. Moreover $\frac{84 \pm 19{\cdot}8432}{2} = 51{\cdot}9216$ and $32{\cdot}0784 =$ the wet and dry inches: hence (per p. 545 and 546 of the ſame book) $32{\cdot}0784 \div 84 = {\cdot}3819$ nearly, correſponding to which, in the table of circular ſegments at the end of the ſame book, is ·2757066; then $1117{\cdot}18 \times {\cdot}2757066 \times 1{\cdot}2732395 = 392{\cdot}1755$ gallons = the cont. of the vacuity; which taken from the whole, leaves 725 gallons contained in the caſk.

Mr. *Wm. Spicer* brought out the true numb. for the whole content; and true methods of ſolu. were likewiſe given by Mr. *G. Coughrea* and Mr. *M. Taylor*.—The other ſolutions ſent were not right.

IV. QUEST. 658 *anſwered by Mr.* Moſs *the Propoſer.*

LET the piſtoles, guineas, moidores, and thirty-ſix ſhilling pieces be denoted by v, x, y, and z reſpectively. Then (by the prob.) $17v + 21x + 27y + 36z = 1000$. Now if a table be firſt formed of all the poſſible values of x, that will bring out the expreſſions $\frac{4x-0}{17}$, $\frac{4x-1}{17}$, $\frac{4x-2}{17}$, $\frac{4x-3}{17}$, &c. to $\frac{4x-16}{17}$, whole numb. it will greatly facilitate the proceſs. For, if x and y be each taken unity, we ſhall have $17v + 21x = 937$, whence $v = x + \frac{4x}{17} - 55\frac{2}{17}$, and ∴, in the table formed as above, againſt $\frac{2}{17}$ (or $\frac{4x-2}{17}$) we ſhall have $\left\{\begin{matrix} x = 9, 26, 43 \\ v = 44, 23, 2 \end{matrix}\right\}$. Again, if $x = 1$, and $y = 2$, we ſhall have $17v + 21x = 937 - 27$ $(= 937 - 1\frac{10}{17})$, and ∴ it is plain the above expreſſion $\frac{4x}{17} - 55\frac{2}{17}$ (or $\frac{4x-2}{17}$) muſt always be diminiſhed by $1\frac{10}{17}$ (or $\frac{10}{17}$) when y is increaſed by unity. Thus, when $x = 1$, and $y = 2$, $\frac{4x}{17} - 53\frac{12}{17}$, or $\frac{4x-9}{17}$, muſt be a whole numb. and ∴, in the table formed as above, $\left\{\begin{matrix} x = 15, 32 \\ v = 35, 14 \end{matrix}\right\}$; when $x = 1$, and $y = 3$, $\frac{4x-16}{17}$ will be a whole numb. whence, by the table, $\left\{\begin{matrix} x = 4, 21, 38 \\ v = 47, 26, 5 \end{matrix}\right\}$; and when $x = 1$, and $y = 4$, then $\frac{4x-6}{17}$ will be a whole numb. whence $\left\{\begin{matrix} x = 10, 27 \\ v = 38, 17 \end{matrix}\right\}$; by the ſame method of proceeding, viz. by continually ſubtracting $\frac{10}{17}$ from the expreſſions $\frac{4x-2}{17}$, $\frac{4x-9}{17}$, $\frac{4x-16}{17}$, $\frac{4x-6}{17}$, $\frac{4x-13}{17}$, &c. we

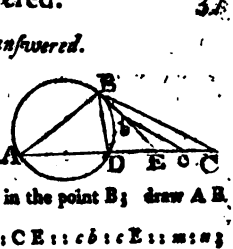
shall obtain all the values of x and v when $x = 1$, and $y = 2, 3, 4, 5$, &c. to its utmost limit 31.——Also, when $x = 2$, and 3, and y (in each case) $= 1, 2, 3, 4$, &c. to their utmost limits 30 and 31, we shall, by the foregoing method, readily obtain all the possible values of x and v. ——Whence the following table:

x	y	x	v	x	y	x	v	x	y	x	v
	1	9,26,43	44,23,2		1	17,34	32,11		1	8,25	41,20
	2	15,32	35,14		2	6,23,40	44,23,2		2	14,31	32,11
	3	4,21,38	47,26,5		3	12,29	35,14		3	3,20,37	44,23,2
	4	10,27	38,17		4	1,18,35	47,26,5		4	9,26	35,14
	5	16,33	29,8		5	7,24	38,17		5	15,32	26,5
	6	5,22	41,20		6	13,30	29,8		6	4,21	38,17
	7	11,28	32,11		7	2,19	41,20		7	10,27	29,8
	8	17,34	23,2		8	8,25	32,11		8	16	20
	9	6,23	35,14		9	14,31	23,2		9	5,22	32,11
	10	12,29	26,5		10	3,20	35,14		10	11,28	23,2
	11	1,18	38,17		11	9,26	26,5		11	17	14
	12	7,24	29,8		12	15	17		12	6,23	26,5
	13	13	20		13	4,21	29,8		13	12	17
	14	2,19	32,11		14	10	20		14	1,18	29,8
1	15	8,25	23,2	2	15	16	11	3	15	7	20
	16	14	14		16	5,22	23,2		16	13	11
	17	3,20	26,5		17	11	14		17	2,19	23,2
	18	9	17		18	17	5		18	8	14
	19	15	8		19	6	17		19	14	5
	20	4	20		20	12	8		20	3	17
	21	10	11		21	1	20		21	9	8
	22	16	2		22	7	11		23	4	11
	23	5	14		23	13	2		24	10	2
	24	11	5		24	2	14		26	5	5
	26	6	8		25	8	5		31	1	2
	28	1	13		27	3	8				
	29	7	2		30	4	2				
	31	2	5								

The rest of the answers may be readily put down, by inspection only, from the preceding table. For, since 4 moidores are $= 3$ thirty-six shilling pieces, we have $17v + 21x - 5y - z$ $(= 17v + 21x - y - 4z) = 937$, and ∴ the values of v and x will be the very same, whether $z = 4$ and $y = 1, 2, 3, 4, 5$, &c. or $z = 1$ and $y = 5, 6, 7, 8, 9$, &c.——Whence the number of dif. answers will be found to be 412.

Mr. *Wm. Cole* gave a very elegant and complete solution to this queſt. having put down in a table all the 412 different answers, which we are sorry our narrow limits will not permit us to publiſh. Mr. *Ja. Young* also determined the same numb. of answers. Methods of solution were also pointed out by Meſſrs. *Bartlett*, *Coughron*, *Crakell*, *Robinſon*, *Rowe*, *Smart*, *Spicer*, *Taylor*, *Turner*, and *Williams*.

V. Question 659 *anſwered.*



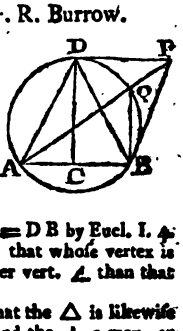
Construc. Make A D, A E = the given parts of the baſe; produce the ſame to any diſtance, and draw *c b* forming the ∠ at *c* = the given ∠ C, and make *c b* : *c* E :: *m* : *n*; draw E *b*; then (by prob. 43 Simp. Algeb.) deſcribe a circle to paſs thro' the points A, D, and touch E *b* in the point B; draw A B, and B D, and B C ∥ *b c*, and it is done.

Demonstra. For, by ſim. △s, C B : C E :: *c b* : *c* E :: *m* : *n*; and the ∠ A B D is a max. by prob. 44 Simp. Algeb.

The above method of ſolution is that given by all the following gentlemen (ſo that we cannot aſcribe it to any one in particular) viz. Meſſrs. *Burrow, Cole, Coughron, Cottom, Crakelt, Dalby, Edwards, Sewell,* and *Turner*.

Fluxional ſolutions were given by Meſſrs. *Draconarius, Robinſon, Smart, Spicer, Taylor,* and *Young*.

VI. Question 660 *anſwered by Mr.* R. Burrow.



Construc. Upon C, the middle of the given baſe A B, raiſe the given ⊥ C D; draw D A, D B; and A D B ſhall be the greateſt △ required.

Demonstra, Draw D P ∥ A B, and of any length; alſo draw A Q P and Q B; and about A D B deſcribe the circle A D Q B. Then ∠ A D B = ∠ A Q B (Eucl. III. 22) greater than the ∠ A P B (Eucl. I. 21).

Corol. 1. The △ A D B is iſoſceles; for A D = D B by Eucl. I. 4. Alſo of all △s having the ſame baſe and alt. that whoſe vertex is nearer to the vertex of the iſoſceles △ has a greater vert. ∠ than that whoſe vert. is more remote.

Corol. 2. Hence alſo it may be obſerved that the △ is likewiſe iſoſceles when the baſe and vert. ∠ are given, and the ⊥ a max. or when the ⊥ and vert. ∠ are given, and the baſe a min.

Nearly in the ſame manner was the conſtr. given by Meſſrs. *Cole, Cottom, Coughron, Crakelt, Dalby, Edwards, Elſbob, Gaffer Dick, Nicholſon, Reed, Reynolds, Rowe, Sewell, Taylor,* and *Turner*.

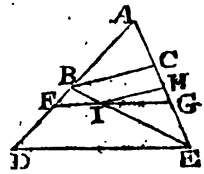
Mr. *Crakelt*, at the end of his ſolution, obſerves that

We are hence naturally led to a correction of the ſolu. to queſt. 625, p. 34, Diary for 1771; for tho' the conſtr. there exhibited anſwers, I apprehend, the propoſer's intentions, yet it by no means fulfils the literal meaning of the queſt. it being manifeſt from what is above done, that in order to have the urn appear the greateſt poſſible, it muſt be placed half above and half below the level of the obſerver's eye: in conſequence of which the column's height will be only 3 feet, inſtead of 35·09751.

Fluxionary ſolutions were given by Meſſrs. *Draconarius, Robinſon, Smart, Spicer,* and *Young*.

VII. Question 661 *answered by Mr.* John Turner.

Analysis. Suppose the thing done, and that ABC is the △, of which are given the ∠ A, the sum AC + CB, and the dif. AB − AC. Then also will be given AB + BC, it being evidently = AC + CB + the given dif. AB − AC; and ∵, if AD and AE be made respectively = the two given sums AB + BC and AC + CB, the △ ADE will also be given; and then between the sides of this given △ we have only to apply BC so as to cut off BD and CE each = to it; whence appears this easy constr.



Construc. Form the given ∠ DAE, and make DA and AE = the two given sums of each side and the base; draw any line FG ∥ DE, and make EH and HI each = DF; then draw EIB, and lastly BC ∥ HI cutting off the △ ABC required.

Demonstra. Because of the ∥s DE, FIG, and HI, BC, we have (EI : EB : :) DF : DB : : EH : EG : : HI : CB; but, by the constr the antecedents DF, EH, HI, are all equal; ∵ the consequents DB, EC, and CB, are also equal; and conseq. AB + BC = the given AD, and AC + CB = AE.

And according to this method was the solu. also given by Mr. *J. Dalby*, and Mr. *Moss* the proposer.

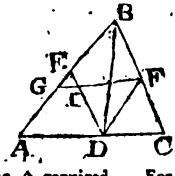
Mr. *Burrow*, Mr. *Congbron*, and the Rev. Mr. *Crakelt* also gave ingenious construc. in a dif. manner.

An Algebraical *Solution by* Draconarius.

Put AB + BC = a, AC + BC = b, and $x = \frac{1}{2}$ AB − $\frac{1}{2}$ AC; then AB − AC = $a - b = 2d$, AB = $x + d$, AC = $x - d$, and BC = $\frac{1}{2}a + \frac{1}{2}b - x = s - x$. Hence $\frac{\overline{s-x}|^2 - 4d^2}{2x^2 - 2d^2}$ = m the vers. s. ∠ A; then the value of x is easily found from this quadratic equation.

Algebraic solu. were also given by Messrs. *King*, *Reed*, *Reynolds*, *Robinson*, *Smart*, *Spicer*, *Taylor*, and *Young*.

VIII. Question 662 *answered by the Rev. Mr.* Crakelt.

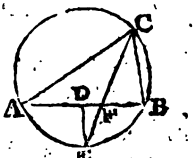


Construc. Constitute the rhombus BEDF, which may have the ∠ EBF = the given one, and its diag. BD = the given bisecting line; and thro' F draw a line in such a manner, that the part, GI, intercepted by DE and BE produced, may be = the given dif. of the seg. of the base; made by the said bisecting line: then thro' D draw a ∥ to GF to meet BE and BF produced in A and C; and ABC will be the △ required.—For, since (Eucl. I. 34) AD = GF, and DC = IF; ∵ will AD − DC = GF − IF = GI.

Mr. *Burrow* constructed it in the same manner.

The ſame anſwered by Mr. Geo. Coughron.

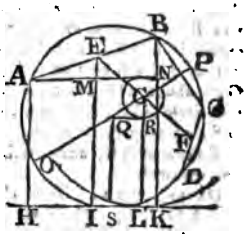
UPON any line AB deſcribe the ſeg. of a circle capable of containing the given vert. ∠; biſect AB with the ⊥ DE, and draw EC ſo that DF may be to FC as the given dif. of the ſeg. to the given biſecting line; and ABC will evidently be ſim. to the required △.



Ingenious conſtr. were alſo given by Meſſrs. *Cotton, Curtis, Dalby, Reed, Sewell,* and *Turner*. —And Algebraic ſolut. by Meſſrs. *Draconarius, Reynolds, Robinſon, Rowe, Spicer, Taylor,* and *Young*.

IX. QUESTION 663 *anſwered by Meſſrs.* Cole, Crakelt, *and* Dalby; *the Principles of their Conſtr. and Demonſt. being exactly alike.*

CONSTRUC. Join the 4 given points A, B, C, D; and from the middle, G, of E F biſecting the opp. ſides AB, CD, with ¼ of the given line, M, as rad. deſcr. a cir. arc; to touch which and the given wheel draw an indef. line by prob. 40 Simp. Algeb. and the required poſition of the wheel will be obtained.



DEMONSTRA. For, on the ſaid line demit the ⊥s AH, EI, BK, and GL; alſo from A draw a ∥ to HL to cut EI and BK in M and N; then, by ſim. △s, we ſhall have AB : AE :: BN : EM; but AB is, by conſtr. = 2 AE, ∴ BN = 2 EM; and conſeq. as (by Euch. I. 34) MI = AH = NK, 2 EI will be = AH + BK. For the ſame reaſon, twice the ⊥ from F will be = the ſum of the ⊥s from D and C, and twice the ⊥ from G, or 2 GL = the ſum of the ⊥s from E and F; and, of courſe, the ſum of the ⊥s from the 4 points A, B, C, D, = twice the ſum of the ⊥s from E and F = 4 times the ⊥ GL = M by the conſtr.

SCHOLIUM *(By Mr.* Crakelt.) Thro' G and the center of the wheel draw the diam. QP; and it will appear, by Euel. III. 7, that M muſt not be given greater than 4 GO, nor leſs than 4 GP. —The center of a 2d cir. for 4 points being thus found, that for 5 may be determined by dividing the line joining G and the 5th point in the ratio of 1 to 4 (the leſs part commencing at G); and if from thence a cir. arc be deſcribed with a 5th part of M, an indef. tang. to it and the given wheel will give the poſition of the ſaid wheel in that caſe. Divide the line joining this center and a 6th point in the ratio of 1 to 5; and from the point of diviſion with a 6th part of M deſcribe a cir. arc, and an indef. tang. to it and the given wheel, will give the poſition of the ſaid wheel for 6 points. And, by proceeding in a ſimilar manner, the conſtr. may be performed for any numb. of ⊥s from any numb. of points, either within, on, or without the circumf. of the given wheel; the la-

line being always divided in the ratio 1 to $n-1$, and the laſt rad. $=$ the nth part of M.

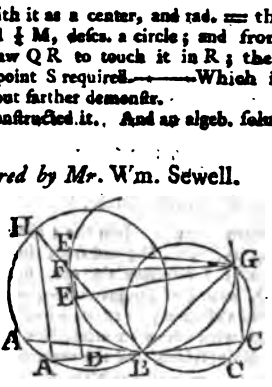
Mr. *Cole* alſo pointed out the ſame limitation, with other pretty obſervations.

Meſſrs. Barrow, Sewell, *and* Ogle *(the propoſer) conſtr. it thus.*

Having determined G as above; with it as a center, and rad. $=$ the dif. between the rad. of the wheel and $\frac{1}{4}$ M, deſcs. a circle; and from the center, Q, of the given circle, draw Q R to touch it in R; then Q S drawn $\parallel$ to G R determines the point S required.——Which is evident from what is done above without farther demonſtr.

Mr. *Coughron* and Mr. *Moſs* alſo conſtructed it. And an algeb. ſolu. was given by Mr. *Taylor*.

X. Question 664 *anſwered by Mr.* W'm. Sewell.

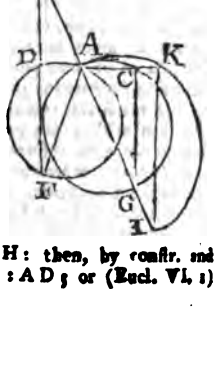


Conſtruc. From B the point of interſection let the diameters B H, B G be drawn, and produced if neceſſary; on B H take E ſo that B H : B F :: M : N; draw G F, about which as a diam. deſcr. the circle G E F, in which apply G E a 3d propor. to M and R; $\parallel$ to G E draw A B C, and it will be the line required.

Demonſtra. Draw H A, G C, and F E D. The $\angle$ H A B $=$ $\angle$ F E G (being each a right $\angle$ by Euc. III. 31) $=\angle$ F D B by Euc. I. 29; $\therefore$ H A is $\parallel$ F D by Euc. I. 28; $\therefore$, by ſim. $\triangle$s, B A : B D :: B H : B F :: M : N by conſtr. $\therefore$ M $\times$ B D $=$ N $\times$ B A: again, by conſtr. M : R :: R : G E $=$ D B $+$ B C; $\therefore$ $R^2 = (M \times BD + M \times BC =$, by ſubſtit.) N $\times$ A B $+$ M $\times$ B C.

Corol. The ſum of the rectangles will be a max. when A C is drawn $\parallel$ F G; for G F is the greateſt line in the circle.

The ſame anſwered by the Rev. Mr. Crakelt, *the Propoſer.*



Conſtruc. Thro' the point of interſection, A, and the centers of the given circles draw the diameters A F, A G; and having determined a 3d propor. Q to N and R, and alſo a 4th propor. S, to N, M, and A G, on A G produced take A I $=$ S, and deſcribing on it a ſemicir. thro' A draw a line D A K to terminate in it and the periph. of the circ. deſcr. on A F which may be $=$ Q; and it will be that required.

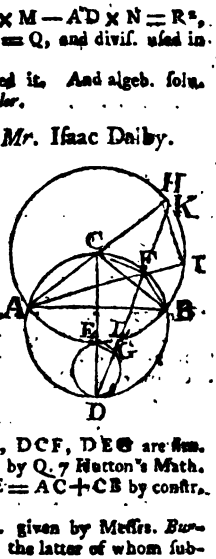
Demonſtra. Let the ſaid line interſect the periph. of the cir. on A G in the point C, and draw the lines G C, I K, and F D meeting G A, when both are produced, in H: then, by conſtr. and ſim. $\triangle$s, S (A I) : A H :: Q $=$ A D (A K) : A D; or (Euc. VI. 1)

$S \times N = AG \times M$ (by constr.) : $AH \times N$ :: $Q - AD$: AD; or, by compos. $AG \times M + AH \times N$: $AH \times N$ :: Q : AD :: (Eucl. VI. 1) $Q \times N = R^2$ (by constr.) : $AD \times N$; but, by sim. $\triangle$s, AG : AH :: AC : AD; or (Eucl. VI. 1) $AG \times M$: $AH \times N$ :: $AC \times M$: $AD \times N$; or, by comp. $AG \times M + AH \times N$: $AH \times N$ :: $AC \times M + AD \times N$: $AD \times N$; and conseq. by equal. $AC \times M + AD \times N = R^2$.

Schol. Had it been required to make $AC \times M - AD \times N = R^2$, then $AK - AD$ must have been determined $= Q$, and divis. used in the demonstr. instead of comp.

Mr. *Coughron* and Mr. *Moss* also constructed it. And algeb. solu. were given by Messrs. *Read*, *Rowe*, and *Taylor*.

XI. Question 665 *answered by Mr.* Isaac Dalby.



Construc. On the given base AB describe a cir. whose segm. ACB may contain the given $\angle$; bisect AB with the diam. CD, and with the center C and rad. CA descr. the cir. $AEBIH$ cutting it in E; then the cir. DEG described about the diam. DE will be the locus required.

Demonstra. For, let AFB be any position of the $\triangle$, and draw the bisecting line FGD; also produce AC and AF to H and I, and draw HI, CF, EG, CB. Then the $\angle CAF = \angle CDF$ (Eucl. III. 21) and $\angle AIH = \angle DFC = \angle DGE$ (being each a right $\angle$ by Eucl. III. 31) $\therefore$ the $\triangle$s AIH, DCF, DEG are sim. and $AC + CB$ ($= AH$) : $AF + FB$ ($= AI$ by Q. 7 Hutton's Math. Miscel. :: CD : FD ::) CE : FG; but $2CE = AC + CB$ by constr. $\therefore 2FG = AF + FB$.

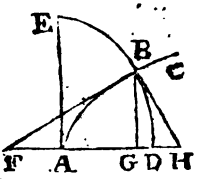
Very nearly in the same manner is the solu. given by Messrs. *Burrow*, *Coughron*, *Crakelt*, *Moss*, and *Wildbore*; the latter of whom subjoins this

Corol. If DF, produced, cut the cir. AEB in K and L; then FL being $= FK$ (Eucl. III. 3) and $FL \times FK$ or $FL^2 = AF \times FL = AF \times FB$ (Eucl. III. 35) conseq. FL is a geom. mean between AF, FB, like as FG is the arith. mean; and the part LG intercepted between the two circles is the dif. between the arith. and geom. means.

The Analysis is very evident. For the cir. ACB being drawn about the $\triangle AFB$, and the bisecting line FD drawn, as also the diam. CD, and the line CB, and any curve EG be supposed the locus; then, if AC and AF be produced till $CH = CB$ or CA, and $FI = FB$, C will be the center of the cir. passing thro' A, B, I, H, and $\therefore$ the $\angle AIH$ right as well as DFC, but the $\angle CDF = \angle CAF$, as being on the same segm. $\therefore$ the two $\triangle$s AHI, DCF are sim. and hence $AH = AC + CB$: $AI = AF + FB$ or $2CE$: $2FL$, or CE : FL :: CD : FD; $\therefore$ the right line EG must be $\parallel$ to CF, and the curve EG sim. to the curve CF, or EGD a semicir. as well as CBD.

Mr. *Sewell* alſo gave the Analyſis from other principles. And Meſſrs. *Edwards*, *Rowe*, and *Wilkin* gave Algebraic inveſtigations.

XII. QUESTION 666 *anſwered by Mr.* Wm Sewell,



GEOMET. ANALYSIS. Let A B C be any one of the parabolas, A D their com. axe, and D B E the curve required. Draw the tang. B F, which will be normal to the curve D B E. Now, by the doctrine of tang. A G : F G :: m : n (m and n being the exponents of the terms of the general equ. to parabolas $A G^m = G B^n$) but when the abſc. G A is as the ſubnormal G F of a curve D B, that curve is an ellipſe, whoſe two ſemi-axes, A D, A E are in the conſt. duplicate ratio of G A to G F; that is, D B E is the quad. of an eclipſe, and $AD^2 : AE^2 :: m : n$.——In the com. parab. where $m = 1$, and $n = 2$; then $AE = AD\sqrt{2}$; or A D : A E :: ſide of a ſquare to its diag.

The ſame anſwered by Mr. R. Burrow.

CONSTRUC. In the com. axe A D aſſume any point D, and take A E to A D :: $\sqrt{n}$: $\sqrt{m}$ (that is, as $\sqrt{2}$: 1, or as the diag. of a ſq. to its ſide in the com. parab.) and with the ſemiaxes A D, A E deſcr. the ellipſe D B E, which will be the curve required.

DEMONSTRA. Let A B C be any parab. whoſe axe is A G D; draw the abſc. B G, and tang. to it B F, which ought to be a normal to the ellipſe. Now, by the parab. G A : G F :: m : n; but, by the conſtr. $AD^2 : AE^2 :: m : n$, ∴ $AD^2 : AE^2 :: GA : GF$; conſeq. B F is ⊥ B D E at B.

The ſolu. was given nearly in the ſame manner by *Meſſrs. Coughron*, *Crakelt*, and *Dalby*.

A Fluxionary Inveſtigation of the ſame by Mr. Wm. Cole.

PUT A D = a, D G = x, and G B = y; then will A G = $a - x$, and (in the com. parab.) G F = $2a - 2x$, alſo in the right-angled △ F B H (B H being drawn ⊥ B F) we have $2a - 2x : y :: y : \frac{yy}{2a-2x} = GH$, which, being the ſub-tang. of the curve, is = $\frac{y\dot{x}}{\dot{y}}$; whence $y\dot{y} = 2a\dot{x} - 2x\dot{x}$; the fluents of which being taken, we get $yy = 4ax - 2xx$, an equ. to the ellipſe, whoſe axes are as 1 to $\sqrt{2}$.

Fluxionary ſolu. were alſo given by Meſſrs. *Smart*, *Wilkin*, and *Todd* the propoſer.

XIII. QUESTION 667 *anſwered by the Rev Mr.* Wildbore, *the Propoſer.*

FIRST, The fluent of $\frac{2\dot{x}}{1-x^2}$ is the hyp. log. of $\frac{1+x}{1-x} =$ hyp. l. of $1+x$ — hyp. l. of $1-x =$ hyp. l. of v — hyp. l. of u, putting $1+x = v$, and $1-x = u$; ∴ the fluent of $\frac{\dot{x}^{n-1}2\dot{x}}{1-x^2}$ is $\dot{x}^{n-2} \times$ h. l. of v — h. l. of $u = \dot{x}^{n-2} \times \dot{x}$ l. $v - \dot{x}$ l. $u = \dot{x}^{n-2} \times v$ l. $v + u$ l. u (becauſe $x = v - 1 = 1 - u$, and l. v and l. u ſtand for the hyp. log. of v and u reſpectively.)

2*dly*, The fluent of this laſt expreſſion, by Simp. Flux. Art. 341, is $\dot{x}^{n-2} \times : v$ l. $v - u$ l. $u - a$, where a is the neceſſary correction, which, becauſe $v + u = 2$, putting $A = 2 + a$, becomes $\dot{x}^{n-2} \times : v$ l. $v + u$ l. $u - A = \dot{x}^{n-3} \times : vv$ l. $v - uu$ l. $u - Ax$.

3*dly*, The fluent of this laſt is $\dot{x}^{n-3} \times : \frac{vv}{2}$ l. $v - \frac{vv}{2.2} - \frac{uu}{2.2}$ l. $u + \frac{uu}{2.2} - Ax - b$; which being ordered in the ſame manner as thoſe above, we obtain

4*thly*, Its fluent $= \dot{x}^{n-4} \times : \frac{v^3}{2.3}$ l. $v - \frac{v^3}{2.3.3} - \frac{v^3}{2.2.3} + \frac{u^3}{2.3}$ l. $u - \frac{u^3}{2.3.3} - \frac{u^3}{2.2.3} - \frac{Ax^2}{2} - bx - c$. In the ſame manner the 5th or fluent of this laſt will be found; and thence the 6th fluent; and in like manner the 7th will be found $= \dot{x}^{n-7} \times$ into all the following quantities, viz. $\frac{v^6}{2.3.4.5.6}$ l. $v - \frac{v^6}{2.3.4.5.6} \times : \frac{1}{2} + \frac{1}{3} + \frac{1}{4} + \frac{1}{5} + \frac{1}{6}$, $- \frac{u^6}{2.3.4.5.6}$ l. $u + \frac{u^6}{2.3.4.5.6} \times + \frac{1}{2} + \frac{1}{3} + \frac{1}{4} + \frac{1}{5} + \frac{1}{6}$, $- \frac{Ax^5}{2.3.4.5} - \frac{Bx^4}{2.3.4} - \frac{cx^3}{2.3} - \frac{dx^2}{2} - ex - f$.

And now it is evident that the redintegration or whole fluent of $\frac{2\dot{x}^n}{1-x^2}$ is $\frac{v^{n-1}}{2.3.4.5 \cdots n-1}$ l. $v - \frac{v^{n-1}}{2.3.4 \cdots n-1} \times : \frac{1}{2} + \frac{1}{3} + \frac{1}{4}$ &c. to $\frac{1}{n-1}$, $+ \frac{u^{n-1}}{2.3.4 \cdots n-1}$ l. $u \pm \frac{u^{n-1}}{2.3.4 \cdots n-1} \times + \frac{1}{2} + \frac{1}{3} + \frac{1}{4}$ &c. to $\frac{1}{n-1}$, $- \frac{Ax^{n-2}}{2.3 \cdots n-2} - \frac{bx^{n-3}}{2.3^{n-3}}$

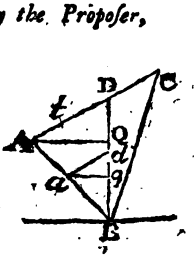
$-\frac{cx^{n-4}}{2.3\text{----}n-4}$ &c. where the upper or lower sign takes place according as n is odd or even, and A, b, c, &c. may be any constant quantities at pleasure, and the half of the expression is evidently the fluent required.

Corol. 1. As, generally speaking, all these fluents must be corrected to be $=0$ when $x=0$, unless otherwise limited by the prob. to which the equa. belongs; $\therefore$, taking $x=0$, or $v=x=1$ in the fluents above, it will appear that in this case $A=0$, $b=0$, $c=-\frac{2}{2.3}\times:\frac{1}{3}+\frac{1}{3}$, $d=0$, $e=\frac{2}{2.3.4.5}\times:\frac{1}{4}+\frac{1}{3}+\frac{1}{4}+\frac{1}{5}$, $f=0$, $g=-\frac{2}{2.3.4.5.6.7}\times:\frac{1}{5}+\frac{1}{3}+\frac{1}{4}+\frac{1}{3}+\frac{1}{6}+\frac{1}{7}$, $b=0$, &c. whence the law of continuation is manifest.

Corol. 2. The fluents found above include several others, as those of $\dot{x}^m\times$ hyp. l. of $\frac{1+x}{1-x}$, $\frac{x^m\dot{x}^n}{1-x^2}$, &c. Moreover, the fluent of $\frac{\dot{x}^n}{x^m}$, where $n=$ the hyp. l. of $\frac{1+x}{1-x}$, may be found in the same manner, tho' not perhaps within the limits allotted to a Diary solu.

The solu. by Mr. *Sewell* is from principles sim. to the above. But those solu. are wrong which find the fluent of the nth root of the given expression.

The Prize-Question *answered by the Proposer*, Peter Puzzlem.



AQ being ‖ to the horizon, call the same m; also call BQ, n; BD, a; AD, e; CD, f; and Dt (any variable part of DA) x; and let the veloc. of any point of the Δ whose dist. from ED is r be denoted by v.

Then $e:m::x:\frac{mx}{e}$, the dist. of t from BD; $r:v::\frac{mx}{e}:\frac{mvx}{er}$, the veloc. of t; and $\frac{mvx}{er}\Big|^2\div\frac{mx}{e}\left(=\frac{mv^2x}{er^2}\right)$ will be the centrifu. force of the point t. Moreover, the height of t above the horiz. plane supporting the Δ being $=a-\frac{a-n}{e}x$, $b:a-\frac{a-n}{e}x::\frac{mv^2x}{er^2}:\frac{amv^2x}{ebr^2}-\frac{a-n}{e^2br^2}mv^2x^2$, the force which, acting ‖ to the horiz. at a point in BD whose height above B is $=b$, would be equivalent to the cen-

trif. force of t. Theref. $\frac{amv^2e}{2br^2} - \frac{a-n}{3br^2}mv^2e$ $\left(= \frac{amv^2e}{6br^2} + \frac{mnv^2e}{3br^2}\right)$ the whole fluent of $\frac{amv^2x\dot{x}}{ebr^2} - \frac{a-n}{e^2br^2}mv^2x^2\dot{x}$, is the force which, acting at the height b, would be equivalent to the centrif. force of the whole line A D. Now $\frac{gme}{2b}$ being, by the well known principles of mechanics, the force which, acting ∥ to the horiz. at the height b, would be equivalent to the gravity of the said line A D, g denoting (32·16 feet) the accelerative force of gravity; it is evident that the whole equivalent force with respect to the revolving line A D is $= \frac{amv^2e}{6br^2} + \frac{mnv^2e}{3br^2} + \frac{gme}{2b}$.

Let the ⊥ from B upon A C be denoted by p; and ad be ∥ A D, let the dist. of that line ad from B (measured on the said ⊥) be expressed by y. Then will ad be $= \frac{ey}{p}$; $Bd = \frac{ay}{p}$; and aq, ∥ A Q, $= \frac{my}{p}$; $Bq = \frac{ny}{p}$. Which values of ad, Bd, aq, Bq, being respectively substituted for e, a, m, n, in the expres. for the last mentioned equivalent force, the same becomes $\frac{aemv^2y^3}{6bp^3r^2} + \frac{emnv^2y^3}{3bp^3r^2} + \frac{gemy^2}{2bp^2}$. It is obvious then, that $\frac{1}{6} \times : \frac{aempv^2}{4br^2} + \frac{emnpv^2}{2br^2} + \frac{gemp}{b}$, the whole fluent of $\frac{aemv^2y^3\dot{y}}{6bp^3r^2} + \frac{emnv^2y^3\dot{y}}{3bp^3r^2} + \frac{gemy^2\dot{y}}{2bp^2}$, will express the force which, acting ∥ to the horiz. at the height b above B, would be equivalent to the whole force of the revolving △ A B D urging it to turn about the fixed point B.

In the same manner the equivalent force respecting the △ B C D is found $=$ to $\frac{1}{6} \times : \frac{af'mpv^2}{4br^2} + \frac{f'm'npv^2}{2br^2} + \frac{gf'mp}{b}$, m' being $=$ the line drawn from C ∥ to AQ to meet the continuation of B D, and n' $=$ the height of the line so drawn above B. But, m' being $= \frac{fm}{e}$, this last equivalent force is $= \frac{1}{6} \times : \frac{af^2mpv^2}{4ebr^2} + \frac{f^2m'npv^2}{2ebr^2} + \frac{gf^2mp}{eb}$.

These two forces being equated, we obtain $v^2 = \frac{e^2 - f^2}{a + 2n \cdot f^2 - a + 2n \cdot e^2}$

$\times 4gr^2$; and it appears that BD cannot poſſibly keep in an upright poſition unleſs $a + 2n \cdot f^2$ be greater than $\overline{a + 2n} \cdot e^2$.

If AB, BD, and AD be each $= 5$, and CD $= 4$; n will be $= 2\cdot5$, $n = 7$, and $v = r\sqrt{\frac{1}{2}g}$.

Beſides the above, Mr. *Coughron*'s and the Rev. Mr. *Wildbore*'s are the only true ſolu. received.

New MATHEMATICAL QUESTIONS *to be anſwered in the next Year's* DIARY.

I. QUESTION 668 *by* Agriculmarus.

THE difference $\frac{a}{a+c}$ of $\frac{b}{b+c}$ is $= \frac{c}{a+c}$ of $\frac{c}{b+c} = c \times \frac{1}{a+c}$ of $\frac{1}{b+c}$. Required the inveſtigation or demonſtra.

II. QUESTION 669 *by Mr.* Iſaac Dalby.

JACK, who's a true good-natur'd blade,
Practis'd ſo long the tippling trade,
Till, toper-like, both free and willing,
He'th ſpent his every crown and ſhilling.
Yet is not all help bereft.
For now the lucky rogue's had left
A 1000 pounds by an old grannum,
To buy 100 pounds per annum.
Jack now does for the ſame engage,
Until he's 60 years of age;
Being at this time, as we are told,
No more than twice a dozen old.
How long is't ere the time will come
For Jack to have that yearly ſum;
If caſh at compound int'reſt lent,
Will bring exactly five per cent.

III. QUESTION 670 *by* Coquetarius.

GIVEN the continual products of every $n-1$ of n quantities; to find thoſe quantities.

IV. QUESTION 671 *by Mr.* Wm. Spicer.

THERE are two ſpire ſteeples, which ſtand on the banks of a river opp. to each other: Now if lines be drawn from the vertex of each ſteeple to the baſe of the other, their lengths will be 1170·6342 and 1151·13705 feet reſpectively; alſo two heavy bodies being let fall, at the ſame time, from the vertex of each ſteeple, it was obſerved that the ſound of the body which fell down the lower ſteeple, arrived at the baſe of the higher, juſt at the ſame moment of time with the other body. Required the breadth of the river, and the alt. of each ſteeple.

V. QUESTION 672 *by Mr.* Ste. Hodges, *at the Right Hon. the Earl Spencer's at Althorp.*

IN Althorp park there's an elliptical piece of water, with a circular iſland in the middle of it, the diam. of which and the two axes of the ellipſe are in geom. progreſſion; and the tranſ. axe of the ellipſe exceeds the diam. of the iſland by 24 poles; alſo the dif. of the ſquares of

the tranſ. axe of the ellipſe and diam. of the iſland, is to the ſum of the ſquares of the two axes of the ellipſe, as 5 to 7. Required the dimenſions and area of each.

VI. Question 673 *by Mr.* Alex Rowe.

A Lady having bought a piece of land (for which ſhe is to pay 3000 guineas) to be cut out, in the form of a right angled △, from a large common; now, the only limitation beſides is, that the ſum of the hyp. and ⊥ is to be 100 chains; ſhe requeſts the diſtrian correſpondents will inform her what dimenſions to take that ſhe may have the moſt land for her money, with the price per acre it will coſt her.

VII. Question 674 *by Mr.* Wm. Cole.

ON a horizontal plane is a garden which was ſurrounded by a very high wall; but the owner, thinking the wall too high, had its top cut off, by a plane oblique to the horizon, ſo as to leave the higheſt point 16, and the loweſt only 8 feet high: now the horiz. diſt. of theſe two parts is 20 yards; and if the foot of a ladder, of a certain length, be placed in a certain point in the garden, its top will juſt reach the top of the wall all around. Required the length of the ladder, and area of the garden.

VIII. Question 675 *by* Geometricus.

GIVEN one ∠, a ſide adjacent to the ſaid ∠, and the dif. of the other two ſides, to determine the △.

IX. Question 676 *by Mr.* Joſeph Edwards.

GIVEN the axe and greateſt ord. of a ſemi-parab. = 16 and 8 reſpectively; ſuppoſing a tang. drawn from the extremity of the curve to cut the axe produced, it is required to find the area of the greateſt rectilineal △ that can be cut off, by another tangent, from the ſpace contained by the curve, tangent, and continuation of the axe.

X. Question 677 *by Mr.* Wm. Wilkin.

SUPPOSE a body P move from the end A along the diam. A B of a ſemicircle, and at the ſame inſtant another body Q begin to move from the other end B along the circumf. B C A, and both to arrive at the ſame inſtant at the opp. ends of the diam. To find the diam. of the ſemicircle, the whole time the bodies are in motion, together with the time of their neareſt approach, and their poſition and diſt. at that time; the former body P moving with an accelerated veloc. thus, 1 foot the 1ſt ſecond of time, 2 feet the 2d, 3 feet the 3d, &c. and the latter body Q with an uniform veloc. of 5 feet in a ſecond.

XI. Question 678 *by Mr.* Thomas Moſs.

TWO lines B P, B Q, forming a given ∠ P B Q, and the length of one of them, B P, being given; ſo to draw a right line from a given point F without thoſe lines, cutting the given line B P produced in G, and the indef. line B Q in E, that the part P G produced, and the ſeg. B E of the indef. line, may be in the ratio of two given lines m, n.

XII. Question 679 *by Mr.* John Turner.

THE diam. of a circle, and the position of two points, with regard to the center of it, being given; to determine a point in the periphery of the said circle, from which lines drawn to the two given points may obtain a given ratio.

XIII. Question 680 *by the Rev. Mr.* Lawſon.

IN a plane △, having given the vert. ∠, the dif. of the baſe and one ſide, and the ſum of the ⊥, from the ∠ at the baſe contiguous to that ſide upon the opp. ſide, and the ſeg. thereby cut off from that opp. ſide contiguous to the other ∠ at the baſe; to conſtr. the △.

XIV. Question 681 *by Mr.* Geo. Coughron.

SUPPOSE a ball, connected to a cord hanging over a pully, be made to vibrate at any given diſt. below the pully, at the ſame inſtant that it is drawn up or down with a veloc. varying according to any given law, (the nth power of the diſt. of the ball from the pully) required the numb. of vibrations it will make in a given time: the cord being conſidered as without weight, paſſing freely over the pully, the vibrations made in ſmall ſim. arcs, and the ball a point.

The Prize-Question *by the Rev. Mr.* Wildboré.

[*Whoever anſwers it before Candlemas-day, has a chance for* 12, *and another for* 8 *Diaries.*]

TO determine the poſition of the aſymptote of the curve which is the locus of all the angular points formed by drawing 3 lines, from 3 given poles, ſo that the ∠ formed by the ſame correſponding two may always be biſected by the 3d.

*** *The prizes of* 12 *and* 8 *Diaries for the ſolu. of the pr. queſt. are fallen to Mr.* Wildbore *and Mr.* Coughron *reſpectively; thoſe of* 10 *and* 8 *diaries for the ſolu. of the pr. enigma to Dr.* Conundrum *and Mr.* Wm. Cole; *thoſe of* 10 *diaries each for the general ſolu. of the enig. to Miſs* Peggy Lugg *and* Piſcator; *and laſtly two new prizes of* 6 *diaries each for the moſt and beſt anſwers to the queries, rebuſes, &c. are fallen, by lot, to Mr.* R. Moyle *and Mr.* Wm. Wells; *all of whom will pleaſe to ſend for them to Mr.* Hawkins *at* Stationer's Hall, London.——*To whom alſo the Contributors to the Diary will pleaſe to direct their letters (poſt paid) ſo as to come to hand before the beginning of May.*——*The Contributors are alſo requeſted to ſend ſolutions with whatever they propoſe, to draw up their letters orderly, keeping one ſubject intirely with or as clear of another as poſſible, and not to put the ſeal on any part of the writing.*

ERRAT. In laſt year's Diary, p. 35, l. 2 and 3, for GD read OE.

FINIS.

Vox Stellarum:

Or, a Loyal

ALMANACK

FOR THE

Year of Human Redemption,

1774.

Being the ſecond after Biſſextile or Leap-Year.

In which is contained all Things fitting for ſuch a WORK; as,

A TABLE of Terms and their Returns;

The Full, Changes, and Quarters of the Moon; the Riſing, Southing, and Setting of the Seven Stars, and other Fixed Stars of Note; the Moon's Age,

AND

A TIDE TABLE fitted to the ſame;

The Riſing and Setting of the Sun; the Riſing, Southing, and Setting of the Moon; Mutual Aſpects, Monthly Obſervations, and many other Things, uſeful and profitable.

Unto which are added,

Aſtrological Obſervations on the Four Quarters of the Year; an HIEROGLYPHIC alluding to theſe preſent Times; a remarkable Chronology; the Eclipſes, and other Matters both curious and profitable.

With a particular Judgment of a viſible Lunar Eclipſe; and many other Things relating to Aſtrology.

By FRANCIS MOORE, Phyſician.

LONDON: Printed by J. BETTENHAM, for the Company of STATIONERS.

Price Nine Pence ſtitched.

A plain and easy TABLE, shewing the Time of HIGH-WATER at all these Places under-named.

Note, That the Moon's Age being taken notice of in the TABLE, you have the Time of HIGH-WATER at all the undernamed Places.		Queenborough, Portsmouth, Southampton, Kentish-Knock, Leath, Beachy, Isle of Wight, Dunkirk, Candado, Coast of Flanders, at the Spits and Dover-Peer.		Gravesend, Downs, Blackness, Romney, Thanet, Silly Half-tide, North-Cape before Cocquit, and between Calais and Dover.		London, Tinmouth, Hartlepool, Amsterdam, Whitby, Dort, Gaiedin, West of Ireland, at Groin, at Rotterdam, and in Robin-Hood's Bay.		New-Castle, Humber, Falmouth, Severn-mouth, at the Sourn between Scilly and Lizard, Ramsey, Dartmouth, Guernsey, Torbay, St. Malo's.		Plymouth, Antwerp, Hull, St. David's, Hoams of Bristol, Lundsay, St Paul's, Salcom without Ushant, at Waterford, and at Lynn Half-tide.		Bristol-Key, Weymouth-Key, Alborough, Foulness, Lims, the Start before St. Nicholas, Sedmouth in the Channel, between Foy and Falmouth.		Yarmouth-Road, Harwich, Calais-Road, Dover, Cowes, Caen, the Frith, South-Foreland, St. Helen's Coast of Normandy, and Picardy.		Hague, Peter-port, Dublin, between Beachy and the Isle of Wight, Yarmouth, St. Magnus's Sound, Combay, without the Caskets in the Channels.	
D.	A.	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.
1	16	12	48	2	18	3	48	6	3	6	48	7	33	11	18	9	3
2	17	1	36	3	6	4	36	6	51	7	36	8	21	12	6	9	5
3	18	2	24	3	54	5	24	7	39	8	24	9	9	12	54	10	39
4	19	3	12	4	42	6	12	8	27	9	12	9	57	1	42	11	27
5	20	4	0	5	30	7	0	9	15	10	0	10	45	2	30	12	15
6	21	4	48	6	18	7	48	10	3	10	48	11	33	3	18	1	3
7	22	5	36	7	6	8	36	10	51	11	36	12	21	4	6	1	51
8	23	6	24	7	54	9	24	11	39	12	24	1	9	4	54	2	39
9	24	7	12	8	42	10	12	12	27	1	12	1	57	5	42	3	27
10	25	8	0	9	30	11	0	1	15	2	0	2	45	6	30	4	15
11	26	8	48	10	18	11	48	2	3	2	48	3	33	7	18	5	3
12	27	9	36	11	6	12	36	2	51	3	36	4	21	8	6	5	51
13	28	10	24	11	54	1	24	3	39	4	24	5	9	8	54	6	39
14	29	11	12	12	42	2	12	4	27	5	12	5	57	9	42	7	27
15	30	12	0	1	30	3	0	5	15	6	0	6	45	10	30	8	15

The foregoing Table explained.

☞ NOTE, That the Moon's Age being taken notice of by the Rule in this TABLE, you may obtain the Time of HIGH-WATER at all the Places above-named. Observe, When the Moon is one or sixteen Days old, it is HIGH-WATER at London, Tinmouth, Hartlepool &c. at 3 o'Clock, and 48 Minutes past. Observe the same of the rest which is plain to the meanest Capacity. The Day of the Moon's Age you have in the sixth Column on every left-Hand Page of the Almanack.

INTRODUCTION,

Addreſſed to all my Readers on the Uncertainty of Worldly Grandeur, and the Fruits of a clear Conſcience.

THE Babylonian Monarch with ambitious Fill
Firſt the grand Scepter of the World poſſeſt.
The Perſian, Him; the Grecian Him diſmiſt;
Him, the awful Roman after diſpoſſeſt;
And Him, his own Greatneſs ruin'd with the reſt.
Who then (alas!) this Fall of Monarchs ſeeing,
Can hope on Earth for an eternal Being?
What are the Badges of heroic Blood,
But Blots to thoſe who have their Birth bely'd?
What's outward Greatneſs without inward Good,
But glorious Painting of a graceleſs Pride?
But where with Banners, virtuous Manners bud,
Where Honours are with Honeſty ally'd,
With Pity, Proweſs, Prudence, Right, Humility,
Faith, Juſtice, Bounty, there's the true Nobility.
To ſhine in Silk and glitter all in Gold;
To flow in Wealth, and feed on dainty Fare,
To have thy Houſes ſtately to behold,
Thy Prince's Favour, and the People's Care.
The groaning Gout, the Colic, and the Stone,
Will mar thy Mirth, and turn it all to Moan.
But be it, that thy Body ſubjeſt be
To no ſuch Sickneſs, or the like Annoy,
Yet if thy Conſcience be not firm and free,
Riches are Traſh, and Honour's but a Toy,
This Peace of Conſcience is the perfect Joy.
Wherewith God's Children in the World be bleſt,
Wanting the which, as good want all the reſt.
The Want thereof made Adam hide his Head,
The Want of this made Cain to wail and weep;
This Want, alas, makes many go to Bed,

When they (God wot) have little Liſt to ſleep.
Strive, O then ſtrive to entertain and keep
So rich a Jewel and ſo rare a Gueſt,
Which being had, a Ruſh for all the reſt.
Rouſe, drowſy Genius; Heaven thy Quill inſpire!
Not one Spark of the Muſes ſacred Fire
Hope thou for, nor yet to gain poetic Power,
Since Time's ſharp Scithe has lopt thy youthful Flower.
And Atropos ſtands perdue with her Knife
To cut in twain the Twine that holds thy Life;
Yet 'tis expected ſomething muſt be ſaid,
Although it be without the Muſes Aid.
What though the envious Grit, with wrinkled Face,
And the Malicious treat thee with Diſgrace:
The righteous God his Work is on the Wheel,
His Enemies (ere long) his Force ſhall feel.
Whilſt Homebred Vipers, that malicious Train,
Their Poiſon ſwallow, gnaw their Tongues with Pain.

At Goadby, a pleaſant Village near Melton Mowbray in Leiceſterſhire, young Gentlemen and others may be conveniently and commendably boarded by THOMAS WRIGHT; and may be taught by him, with the utmoſt Care and Expedition, the Engliſh, Latin, and Greek Languages. And alſo the following Parts of the Mathematics, viz. Geometry, Algebra, Trigonometry, Navigation, Aſtronomy, Dialling, the Uſe of the Globes, and other Mathematical Inſtruments. Due Care will be taken of their Morals; and Letters (Poſt paid) will be duly anſwered.

Truly prepared and ſold by Mrs. Smith, at Pickworth, in the County of Rutland, the Widow of Mr. Thomas Smith, and firſt Couſin to the late ingenious TYCHO WING, Gent. The genuine, and, as far as Art can preſcribe, an infallible Medicine for all Sorts of Agues, whether quotidian, or other Day Ague, or tertian, or quartan, or any other.

N. B. This Medicine has been ſold by the Family for many Years paſt, and has done Numbers of Cures when other Remedies have failed.

Lands ſurveyed, divided, and incloſed, and Maps of the ſame correctly delineated, and Timber and Pollwood ſurveyed and valued and ſold by VINCENT WING, of Pickworth, in the County of Rutland, and THOMAS WRIGHT, of Goadby, in the County of Leiceſter, Practitioners in the Mathematics.

A TABLE of Terms and Returns for the Year

Hilary Term begins January 24. ends Feb

Returns or Essoign Days.		Exc.	Ret.	Ap.	W. D.
In eight Days of St. Hilary	Jan. 20	21	22	24	Monday
From the Morrow of St. Hilary in 15 Days	29	28	29	31	Monday
On the Mor. of the Purif. of Bl. V. M.	Feb. 3	4	5	7	Monday
In eight Days of the Purif. of the Bl. V. M.	9	10	11	12	Saturday

Easter Term begins April 10. ends May 16.

From the Day of Easter in 15 Days	April 17	18	19	20	Wednesd.
From the Day of Easter in 3 Weeks	24	25	26	27	Wednesd.
From the Day of Easter in 1 Month	May 1	2	3	4	Wednesd.
From the Day of Easter in 5 Weeks	8	9	10	11	Wednesd.
On the Morrow of the Ascension	13	14	15	16	Monday

Trinity Term begins June 5. ends June 22.

On the Morrow of the Holy Trinity	May 30	31	J. 1	3	Friday
In eight Days of the Holy Trinity	June 5	6	7	8	Wednesd.
From the Day of Holy Trin. in 15 Days	12	13	14	15	Wednesd.
From the Day of H. Trin. in 3 Weeks	19	20	21	22	Wednesd.

Michaelmas Term begins Nov. 7. ends Nov. 28.

On the Morrow of All Souls	Nov. 7	4	5	7	Monday.
On the Morrow of St. Martin	11	13	14	15	Tuesday,
In eight Days of St. Martin	11	19	20	21	Monday,
From the Day of St. Martin in 15 Days	2	26	27	28	Monday.

N. B. No Sittings in Westminster-Hall on Ascension-Day, Midsummer-Day, and the Second Day of February.

The Exchequer opens eight Days before any Term begins, except Trinity, before which it opens but four Days.

Note, That the first and last Days of every Term are the first and last Days of Appearance.

Common Notes for the Year 1774.

Golden Number	8	Shrove-Sunday	Feb. 13
Cycle of the Sun	19	Easter-Day	April 3
Dominical Letter	E	Rogation-Sunday	May 8
The Epact	27	Ascension-Day	May 12
Number of Direction	42	Whit-Sunday	May 22
Sundays after Epiphany	3	Sundays after Trinity	25
Septuagesima Sunday	Jan. 30	Advent-Sunday	Nov. 27

JANUARY hath XXXI Days.

That Man is wise, that can in Peace lie down;
Scorning the Noise and Nonsease of the Town;
That can resolve, and being resolv'd, can do,
Defy base Actions, and their Actors too.
Let Villains suffer, and let Murd'rers die,
And Bankrupts cheat like Knaves by Destiny.

M D	W D	Fasts and Festivals.	☉ pl.	☽'s Signs.	☽ A	☽ rises and sets	Aspects and Weather.
1	S	Circumcision.	11	back	20	8 A 1	Temperate and
2	B	2 S. aft. Christ.	12	bowels	21	9 5	mild weather for
3	M	Clock too fast	13	and	22	10 15	the season begins
4	T	6 minutes	14	belly	23	11 26	the new year, &
5	W	Old Christ. D.	15	reins	24	Morn.	still continues
6	T	Epiphany.	16	loins	25	0 39	for several days.
7	F	Day inc. 16 m.	17	secret	26	1 53	Frosty air with
8	S	Lucian P. & M.	18	memb.	27	3 9	snow or sleets &
9	B	1 S. aft. Epiph.	19	hips	28	4 22	variety of win-
10	M	Plough Mond.	20	thighs	29	5 23	☌ ♄ ☿ terly
11	T	D. 8 hours long	21	hams	30	6 25	weather is now
12	W	Old N. Y. D.	22	knees	N	☽ sets.	expected at about
13	T	Cam. Ter. beg.	23	legs	1	5 A 58	Hilary bishop;
14	F	Ox. Term beg.	24	ancles	2	7 12	△ ☉ ♄ the new
15	S	Day incr. 34 m.	25	feet	3	8 24	moon.
16	B	2 S. aft. Epiph.	27	toes	4	9 35	Windy and tem-
17	M	Clock fast 11 m.	28	head	5	10 43	pestuous weather
18	T	O. C. B. Day.	29	and	6	11 48	may □ ♃ ☿ be
19	W	Twil. 2 h. 5 m.	♒	face	7	Morn.	now or about this
20	T	Fabian B & M.	1	neck	8	0 53	time expected.
21	F	St. Agnes Virg.	2	throat	9	1 52	☌ ☉ ♂ Now
22	S	Vincent.	3	arms	10	2 52	more dry & frosty
23	B	3 S. aft. Epiph.	4	and	11	3 49	[illegible] with clear &
24	M	Term begins.	5	should	12	4 44	serene days.
25	T	St. Paul's Con.	6	breast	13	5 32	☿ ☉ ♃ frosty
26	W	Polycarp.	7	stom.	14	6 [illegible]	☿ ♃ ♂ morn.
27	T	D. inc. 1 h. 8 m.	8	hears	F	☽ rises	& serene days;
28	F	Day 8 h. 46 m.	9	and	16	5 A 46	windy & winter-
29	S	Ni. 15 h. 14 m.	10	back	17	6 47	ly weather ends
30	B	Septuages. Sun	11	bowels	18	7 57	K. Ch. Mart.
31	M	Cl. fast 14 m.	12	belly	19	9 8	the month.

The 4 Day at 7 in Morn. Saturn
The 10 Day at 4 in Aft. Mercury
The 12 Day at 2 in Aft. Mars
The 15 Day at 10 at Night. Venus
The 17 Day at 4 in Aft. Jupiter
The 31 Day at 11 in Forenoon. Saturn
} is with the Moon.

M. D.	Sun rises.	Sun sets.	Moon's South.	Observations.
1	8 9	3 51	2 18	Nihil difficilius quam de futuris veritatem prædicere. Tull.
2	8 9	3 51	3 3	We have hopes that the new Year
3	8 8	3 52	3 51	may begin happily. God direct the
4	8 7	3 53	4 39	
5	8 6	3 54	5 27	Last Quar. 5 Day at 6 at Night.
6	8 5	3 55	6 17	general Affairs of Great Britain. The
7	8 5	3 55	7 10	Actions and Councils depending upon
8	8 4	3 56	8 3	this Month's Configurations are very
9	8 3	3 57	9 0	material all over Europe. Saturn transits
10	8 2	3 58	9 59	its the very end of Virgo, and by his
11	8 1	3 59	1 2	retrogade Motion will continue there
12	8 0	4 0	0 A 4	most Part of the Year, or till Septem-
13	7 59	4 1	1 2	New Moon 12 Day at 9 in Morn.
14	7 58	4 2	1 56	ber, and some Months after, we may
15	7 56	4 4	2 47	hear of considerable Changes in Eu-
16	7 55	4 5	3 35	rope. We have many flying Reports.
17	7 54	4 6	4 21	One Nation is now for Peace; ano-
18	7 52	4 8	5 7	ther for War; a third inclined to Neu-
19	7 51	4 9	5 57	trality; but most to Tranquillity rather
20	7 50	4 10	6 37	First Quar. 19 Day 4 Evening.
21	7 48	4 12	7 20	than War. Strange and variable Ac-
22	7 47	4 13	8 6	tions may be practised this Month, but
23	7 45	4 15	8 52	of what Kind Time will best demon-
24	7 44	4 16	9 40	strate. For Nemo particularis prædicit.
25	7 42	4 18	10 28	Complaints and Accusations are ready
26	7 40	4 20	11 16	to break forth against Men in Power
27	7 39	4 21	Morn.	and high Places, which may be of dan-
28	7 37	4 23	0 5	gerous Consequence to their Persons or
29	7 35	4 25	0 53	Full Moon 27 Day at 7 at Night.
30	7 34	4 26	1 40	Estates, or both. Some eminent Per-
31	7 32	4 28	2 29	son, either ecclesiastic or legal, now or near this Time leaves his Employment, or stoops to the Grave.

FEBRUARY hath XXVIII Days.

The reſtleſs Soul, uneaſy, ſeeks Relief;
His Luſt deceives him, Paſſion plays the Thief:
Both ſteal his Time, and both preſage his Fall:
Bad Man, worſe Heart, but Conſcience worſt of all.
Thus the ſuppoſed Wife for ſlipery Pelf,
By grave Advice prudently damns himſelf.

M D	W D	Facts and Feſtivals.	☉ pl.	☽'s Signs.	☽ A	☽ rises and ſets	Aſpects and Weather.
1	T	D. br. 5 h. 30′	♓	reins	20	10 A 20	February fill
2	W	Purification.	♓	joins	21	11 34	dyke may be
3	T	Blaſius, Biſhop	♓	ſecret	22	Morn.	✱ ☿ ☿ expected
4	F	D. inc. 1 h. 34′	♈	mem.	23	0 48	more mild and
5	S	Agatha	♈	nips	23	2 c	favourable Air
6	S	Seragel. Sund.	♈	thighs	25	3 11	is now expected
7	M	Procyon ſouth	♈	hams	26	4 16	Winds with
8	T	24 min. paſt	♈	knees	27	5 12	Snow or Rain,
9	W	10 at night.	♈	legs	28	6 c	✱ ♃ ☿ perhaps
10	T	D. 9 h. 56′ lo.	♉	ancles	☽	☽ ſets.	ſome froſty mor-
11	F	Day light end.	♉	feet	1	5 A 55	nings and more
12	S	Term ends.	♉	and	2	7 4	ſerene Days.
13	S	Shrove-Sund.	♉	toes	3	8 19	Old Candle day.
14	M	Valentine.	♉	head	4	9 38	Now Variety of
15	T	Shrove-Tueſd.	♉	face	5	10 40	winterly Wea-
16	W	Aſh-Wedneſd.	♉	neck	6	11 36	ther continues.
17	T	55 m. paſt 6.	♉	throat	7	Morn.	for ſeveral days;
18	F	Clock too faſt	♈	arms	8	0 38	Storms of Hail,
19	S	14 min. 38′	♈	and	9	1 34	☌ ♂ ☿ and in
20	S	1 S. in Lent.	♈	ſhould.	10	2 28	all probability
21	M	Day increaſed	♈	breaſt	11	3 25	froſty Weather
22	T	1 ho. 40 min.	♈	ſtom.	12	4 9	may be expect-
23	W	Ember-Week.	♈	heart	13	4 5	ed. No great al-
24	T	St. Matthias.	♈	and	14	5 27	teration as yet.
25	F	D. 10 h. 28′ lo.	♈	back	15	5 49	☌ ☉ ☿ Winds
26	S	D. br. 4 ho. 48′	♈	bowels	♊	☽ riſes.	and obſcure Air
27	S	2 S. in Lent.	♈	belly	17	6 58	even to the End
28	M	Twilight 1 h 55′	♈	reins	18	8 9	of the Month.

Venus is occidental, and an Evening Star, till March 22, at which Time ſhe becomes oriental, and a Morning Star, to the Year's End.

The 9 Day at 7 at Night	Mercury	is with the Moon.
The 10 Day at 1 in After.	Mars	
The 14 Day at 2 in Morn.	Venus	
The 14 Day at 10 in Fore.	Jupiter	
The 27 Day at 4 in After.	Saturn	

D	Sun rifes	Sun fets.	Moon's South.	Obfervations.
1	7 30	4 30	3 17	Exurgat Deus et diſſipentur inimici. Were it not for our unreaſonable and
2	7 29	4 31	4 6	uncharitable Humour of envying and
3	7 28	4 32	4 57	Laſt Quart. 4 Day at 5 Morn.
4	7 26	4 34	5 50	backbiting one another, Jupiter in A-
5	7 24	4 36	6 45	ries would render England happy.
6	7 22	4 38	7 42	The Heavens ſeem to bleſs our Na-
7	7 20	4 40	8 41	tion with an hopeful Continuance of
8	7 18	4 42	9 40	Peace and Tranquillity. Many Diffe-
9	7 16	4 44	10 38	rences and Debates in general Affairs of
10	7 14	4 46	11 33	New Moon 10 Day at 9 Night.
11	7 12	4 48	0 A 31	Kingdoms, &c. which have continued
12	7 10	4 50	1 20	long in Diſpute, are now near or in a
13	7 9	4 51	2 9	fair Way of Compoſure. The Soldiery
14	7 7	4 53	2 55	in ſome Countries, remote from En-
15	7 5	4 55	3 41	gland, after many Diſguſts and Diſcon-
16	7 3	4 57	4 27	tents between them and their Officers
17	7 1	4 59	5 13	and chief Commanders, are moderately
18	6 59	5 1	5 58	well pleaſed for a Time. Preparations
19	6 57	5 3	6 45	First Quarter 18 Day at Noon.
20	6 55	5 5	7 32	are making, both at home and abroad,
21	6 53	5 7	8 20	for Sea Affairs. New Leagues, Arti-
22	6 52	5 8	9 9	cles, Councils, now in Proſecution,
23	6 50	5 10	9 57	take up much Time before they be
24	6 48	5 12	10 46	brought to a final Determination.
25	6 46	5 14	11 35	May England continue in Peace and
26	6 44	5 16	Morn.	Proſperity, as we hope it will: and let
27	6 42	5 18	0 24	Full Moon 26 Day at 11 Even.
28	6 40	5 20	1 14	the Spirit of Diviſion be tranſported

from us into the remoteſt Parts of the World.

Jupiter is an Evening Star till April 11, from thence a Morning-Star to Nov. 2, and then an Evening-Star to the Year's End.

MARCH hath XXXI Days.

Pretenſive Quarrels and pretended Right
Make Beggars Gentlemen, and Soldiers fight.
Pretended Differences when Knaves conſpire,
Amuſes the Good, and makes the Fools admire.
The World's a Cheat, nay ſome won't ſpare their Brother,
'Tis Fool or Knave, come turn up one or t' other.

M D	W D	Feaſts and Feſtivals.	☉ pl.	☽'s Signs.	☽ A	☽ riſes and ſets.	Aſpects and Weather.
1	T	David A.B. M.	11	loins	19	9 A 22	Good March
2	W	Chad. B. Litch.	12	ſecret	20	10 38	Weather be-
3	T	Days 10 h. 52 l.	13	memb.	21	11 57	gins the month
4	F	Day inc. 3 h. 22	14	hips	22	Morn.	and may con-
5	S	Prs. Heſſe born.	15	thighs	23	1 5	tinue for ſeve-
6	B	3 Sun. in Lent.	16	hams	24	2 11	ral days.
7	M	Perpetua Mau.	17	and	25	3 9	Flying ſtorms
8	T	Regulus ſouth	18	knees	26	4 0	of hail or
9	W	10 m. paſt 10 N.	19	egs	27	4 40	rain more
10	T	Day br. 23 p. 4.	20	ancles	28	5 16	mild for ſome
11	F	D. ends 7 h. 39	21	feet	29	5 57	days.
12	S	Gregory M. B.	22	toes	♈	☽ ſets.	☌ ☉ ♄ Dark
13	B	Midlent Sund.	23	head	1	7 A 15	and obſcure
14	M	Clocks too faſt	24	face	♉	8 21	☌ ♀ ☿ air
15	T	for the Sun.	25	neck	3	9 25	with downfal
16	W	9 min. 13 ſec.	26	and	4	10 25	of rain or ſnow
17	T	St. Patrick	27	throat	5	11 39	at or about the
18	F	Edw. K. of W.	28	arms	6	Morn.	☌ ♃ ☿ new
19	S	Joachim	29	ſhould	7	0 29	moon. Briſk
20	B	4 Sund. in Lent.	♈	breaſt	8	1 22	winds bringing
21	M	Benedict Abb.	1	and	9	2 7	a ſerene air.
22	T	Day 12 ho. 8 m.	2	ſtom.	10	2 52	☌ ☉ ♀ winds
23	W	Nights 11 ho.	3	heart	11	3 30	and Thunder
24	T	44 min. long.	4	back	12	4 3	Showers in
25	F	Lady-Day.	5	bowels	13	4 34	ſome Places.
26	S	Ox. Term ends	6	belly	14	5 3	Tempeſtuous
27	B	Palm Sunday.	7	reins	♊	☽ riſes.	☍ ♄ ☌ Wea-
28	M	Regulus ſouth	8	and	16	7 15	ther and Storms
29	T	10 minutes paſt	9	loins	17	8 30	of Hail and
30	W	9 at Night.	10	ſecret	18	9 47	Rains conclude
31	T	Maundy Th.	11	memb.	19	11 2	the Month.

The 11 Day at 1 in After. Mars
The 13 Day at 2 in After. Mercury
The 13 Day at 4 in After. Venus
The 14 Day at 6 in Morn. Jupiter
The 26 Day at 9 at Night Saturn
} is with the Moon.

M D	Sun rises.	Sun sets.	Moon's South.	Observations.
1	6 38	5 22	2 4	
2	6 36	5 24	2 55	Currat Lex, & fiat Juſtitia.
3	6 34	5 26	3 48	Here are many remarkable Configura-
4	6 32	5 28	4 43	tions this Month. Among the reſt,
5	6 30	5 30	5 40	Laſt Quarter 5 Day at 10 Fore-
6	6 28	5 32	6 36	there happen two Oppoſitions, one of
7	6 26	5 34	7 33	the Sun and Saturn, and another of
8	6 24	5 36	8 31	Saturn and Mars, one before the In-
9	6 22	5 38	9 27	greſs and another preſently after:
10	6 20	5 40	10 2	which uſually has had Effects among
11	6 18	5 42	11 14	Mortals, and ſometimes by dangerous
12	6 16	5 44	0 A 4	New Moon 12 Day at 10 Fore-
13	6 14	5 46	0 52	Diſeaſes, &c. Quod Deus avertat.
14	6 12	5 48	1 38	Matters begin to appear very formidable
15	6 10	5 50	2 24	in ſeveral Countries of Europe. Now
16	6 8	5 52	3 11	there ſeems great Preparation for Sea
17	6 6	5 54	3 58	Action by moſt Chriſtian Princes. And
18	6 4	5 56	4 45	I doubt not but their Majeſties of Great-
19	6 2	5 58	5 31	Britain continue in great Grandeur and
20	6 0	6 0	6 18	in Eſteem of the beſt of their Sub-
21	5 58	6 2	7 6	Firſt Quarter 20 Day at 9 Morn-
22	5 56	6 4	7 54	jects. In ſhort we have now many
23	5 54	6 6	8 43	Configurations of the Planets very re-
24	5 52	6 8	9 32	markable whoſe Effects may be no leſs
25	5 50	6 10	10 22	conſiderable and worthy of the Obſer-
26	5 48	6 12	11 11	vation of the Curious. Some Illuſtrious
27	5 46	6 14	Morn.	Perſon in Danger of Death, perhaps by
28	5 44	6 16	0 2	Poiſon. Tempus omnia revelat.
29	5 42	6 18	0 54	Full Moon 27 Day at 10 Nigh-
30	5 40	6 20	1 48	God preſerve our three Nations in
31	5 38	6 22	2 44	Health, Peace, Proſperity and Safety,
				& mane eſt in ſempiternum.

APRIL hath XXX Days.

Juſt and content, with which be humble too;
Wiſe and yet innocent, thus juſt Men do.
This is the Road to Peace, which ſacred Way
Can without Opium the World's Storms allay.
Learn but this Leſſon, and you'll ſoon confeſs
The quiet Soul doth the whole World poſſeſs.

M D	W D	Feaſts and Feſtivals.	☉ pl.	☽'s Signs.	☽ ☌ ☍	☽ rises and ſets	Aſpects and Weather.
1	F	**Good-Friday.**	12	hips	20	Morn.	☌ ♂ ♀ We may
2	S	D. 12 h. 52 lo.	13	thighs	21	0 19	expect Winds
3	☽	**Eaſter-Sund.**	14	hams	22	1 12	and Showers
4	M	**Eaſter-Mond.**	15	knees	23	2 5	of Rain for
5	T	**Eaſter-Tueſd.**	16	legs	24	2 48	Old Lady-Day.
6	W	Daneb ſouth at	17	ancles	25	3 25	ſeveral Days.
7	T	26 m. paſt 10.	18	feet	26	4 20	Fair and plea-
8	F	Regulus ſouth	19	toes	27	4 51	ſant for ſe-
9	S	12 min. paſt 8.	20	head	28	5 17	veral Days.
10	☽	**Low-Sunday.**	21	and	29	☽ ſets.	Briſk Winds
11	M	D. in. 5 ho. 52	22	face	♏	8 A 25	☌ ☉ ♃ with
12	T	D. br. 3 h. 4 m.	23	neck	2	9 27	☌ ♃ ☿ ☌ ☉ ☿
13	W	**Q. & C. T. beg.**	24	throat	3	10 27	Showers of
14	T	Day 13 hours	25	arms	4	11 22	Rain or Hail
15	F	40 min. long.	26	and	5	Morn.	about this Time
16	S	Clock ſlow 30	27	ſhould.	6	0 12	Winds and ſea-
17	☽	**Sun. aft. Eaſt.**	28	breaſt	7	0 56	ſonable Wea-
18	M	Twi. 2 h. 14 m.	29	ſtom.	8	1 34	ther continues
19	T	Alph. A. B. C.	♑	heart	9	2 10	for ſeveral
20	W	**Term begins.**	♉	and	10	2 41	Days miſty.
21	T	D. 14 ho. 4 lo.	1	back	11	3 9	Mornings and
22	F	N. 9 ho. 56 m	2	bowels	12	3 37	ſerene Days;
23	S	**St. Geo. Mart.**	3	belly	13	4 3	no great Al-
24	☽	**Sun. aft. Eaſt.**	4	reins	14	4 32	teration as yet;
25	M	**St. Mark Evan.**	5	loins	15	☽ riſes.	briſk Winds
26	T	Day increaſed	6	ſecret	♐	8 A 45	☌ ♂ ☿ with
27	W	St. Walburga	7	memb	17	10 0	ſome ſmiling
28	T	6 ho. 50 min.	8	nips	18	11 12	ſhowers con-
29	F	Clock too ſlow	9	thighs	19	11 52	cludes the
30	S	2 min. 51 ſec.	10	hams	20	Morn.	Month.

The 8 Day at Midnight Venus
The 9 Day at 2 in After. Mars
The 11 Day at 1 in Morn. Jupiter
The 11 Day at 4 in Morn. Mercury
The 23 Day at 1 in Morn. Saturn
} is with the Moor

M D	Sun rises.	Sun sets.	Moon South.	Observations.
1	5 36	6 24	3 42	Honores mutant mores.
2	5 34	6 26	4 39	We may justly hope that the Affair
3	5 32	6 28	5 40	**Last Quart. 3 Day at 5 in Morn:**
4	5 30	6 30	6 36	of England continue in a good Posture
5	5 28	6 32	7 32	and that we are yet far from an
6	5 26	6 34	8 25	disastrous Fate, they must be Brutes
7	5 25	6 35	9 16	and not Men that do in the least wish
8	5 23	6 37	10 5	or endeavour the Ruin or Subversion
9	5 21	6 39	10 52	of their own Native Country. Many ar
10	5 19	6 41	11 38	the serious Debates and Consultation
11	5 17	6 43	0 26	**New Moon 10 Day at Midnight**
12	5 15	6 45	1 12	of these present Times; and various
13	5 13	6 47	1 58	News arrives daily of the Actions and
14	5 11	6 49	2 45	Resolutions of Foreign Princes. Many
15	5 9	6 51	3 32	Kingdoms and Countries, labour under
16	5 7	6 53	4 20	strange difficulties and daily Disasters,
17	5 5	6 55	5 7	which (thanks be to God) we do not in
18	5 3	6 57	5 54	the least fear, for the Heavens seem to
19	5 2	6 58	6 42	smile upon England, and contribute
20	5 0	7 0	7 30	much to its Grandeur and Magnificence
21	4 58	7 2	8 18	**First Quart. 19 Day at 3 Morn**
22	4 56	7 4	9 7	to the Admiration of our Neighbours
23	4 54	7 6	9 57	May it long continue so! In vain do
24	4 52	7 8	10 48	Hell's black Arts endeavour to exclude
25	4 51	7 9	11 42	the piercing Eye of Heaven; nor does
26	4 49	7 11	Morn.	Human Policy, when treading the
27	4 47	7 13	0 38	Paths of Wickedness, hope to escape the
28	4 45	7 15	1 35	**Full Moon 26 Day at 10 Fore.**
29	4 44	7 17	2 35	severity of Divine Justice.
30	4 42	7 18	3 36	Therefore when Fate's unkind, dear
				Friends be wise;
				And bears its Ills without the least
				Surprise.

MAY, hath XXXI Days.

Where Cares exceed, there's an uneasy Bed;
The thoughtful Mind makes a projecting Head.
He's well supply'd, where Nature's bounteous Store,
Gives im enough, he need request no more.
But if more, thank God there is, then use it well,
Riches ill used is the Highway to Hell.

M D	W D	Fasts and Festivals.	☉ ☽	☽'s Signs.	♃ ♄	☽ rises and sets		Aspects and Weather.
1	B	4 S. aft. Easter	11	knees	21	9	9	St. Ph. & Jacob
2	M	Day 14 h. 44′ l.	12	legs	22	6	56	This Month is
3	T	Inventio crucis	13	ancles	23	1	36	expected to begin
4	W	Day in 7 h. 18′	14	feet	24	2	9	with seasonable
5	T	Day br. 1 h. 52′	15	and	25	2	37	Weather, and I
6	F	Jo ante Port L.	16	toes	26	3	3	hope may conti-
7	S	Clo. slow 4 m.	17	head	27	3	27	nue for several
8	B	Rogation Sun.	18	face	28	3	51	Days. Followed
9	M	Scorpion Hea.	19	neck	29	4	17	by dark air inter-
10	T	South 9 m. past	20	throat	N	☽ sets.		△ ☉ ♄ mixed
11	W	1 in the morn	21	arms	1	8 A	24	with showers
12	T	Ascension-day	22	and	2	9	19	Old May Day
13	F	Arcturus south	23	should.	3	10	11	Brisk Winds
14	S	40 m. past 10 n.	24	breast.	4	10	58	☌ ♃ ♂ and sea-
15	B	6 S. aft. Easter	25	and	5	11	39	☌ ♂ ☿ ☌ ♃ ☿
16	M	Term ends.	26	stom.	6	Morn.		sonable, with
17	T	Day 15 h. 30′ l.	27	heart	7	0	14	Showers of Rain
18	W	Increased 8 ho.	28	back	8	0	45	misty Mornings
19	T	Q. Charlotte b.	28	bow.	9	1	14	O. & C. T. ends,
20	F	Duration twi.	29	belly	10	1	38	and serene Days,
21	S	3 hours 49 m.	♊	reins	11	2	5	which may be
22	B	Whit-Sunday	1	loins	12	2	33	Pr. Eliz. born.
23	M	Whit-Monday	2	secret	13	3	0	probably follow-
24	T	Whit-Tuesday	3	memb.	14	3	33	ed with Thunder
25	W	Ember-Week	4	hips	F	☽ rises.		Showers at or
26	T	Augustine A. B.	5	thighs	16	8 A	54	near the full
27	F	Vener. Bede.	6	hams	17	9	58	Moon.
28	S	Clock slow 3′	7	knees	18	10	52	An hazy Air
29	B	Trinity-Sund.	8	legs	19	11	36	K. Ch. Restorat.
30	M	D. 16 ho. 2′ lo	9	and	20	Morn.		but mostly fair to
31	T	D. inc. 8 h. 30′	10	ancles	21	0	11	the Month's end.

Moore. MAY, 1774.

The 6 Day, at 8 Even. Venus
The 8 Day, at 9 Morn. Mercury
The 8 Day, at 3 Aftern. Mars } is with the Moon
The 8 Day, at 10 Night, Jupiter
The 20 Day, at 1 Aftern. Saturn

M D	Sun rises	Sun sets	Moon's South.	Observations.
1	4 40	7 20	4 36	Hic malus eſt ventus qui nulli commode portat.
2	4 38	7 22	5 33	Laſt Quarter 2 Day, at Midnight.
3	4 36	7 24	6 27	Many are the Configurations of the Planets
4	4 34	7 26	7 20	this Month. Saturn is ſtill retrograde; and Ju-
5	4 33	7 27	8 9	piter and Mars change their Signs; to which I
6	4 31	7 29	8 56	may add the Conjunction of Jupiter and Mars
7	4 29	7 31	9 41	in the very beginning of Taurus: from whence
8	4 28	7 32	10 26	we may expect many remarkable Occurences
9	4 26	7 34	11 10	in mundane Affairs. Great are the Actions
10	4 24	7 36	11 54	New Moon 10 Day, at 3 Afternoon
11	4 23	7 37	0 A 44	of Europe, which may put the whole World
12	4 21	7 39	1 31	into Admiration. We may undoubtedly hear
13	4 19	7 41	2 18	of many Actions cunningly contrived; lying
14	4 17	7 43	3 6	Reports and ſcurrilous Pamphlets ſecretly diſ-
15	4 16	7 44	3 53	perſed. And about this time a great Man is
16	4 15	7 45	4 40	menaced amongſt us, and meets with ſome
17	4 14	7 46	5 27	unhappy Diſaſter, perhaps a dangerous Fall.
18	4 13	7 47	6 13	First Quarter 18 Day, at 7 Afternoon
19	4 12	7 48	7 0	Now or near this Time the Diſcovery of ſome
20	4 10	7 50	7 47	treacherous Actions or Impeachments of Per-
21	4 9	7 51	8 36	ſons of Note, in all probability, may break
22	4 8	7 52	9 27	out; but Jove is entered into Taurus, the Aſ-
23	4 7	7 53	10 22	cendant of Ireland may in ſome few Months,
24	4 5	7 55	11 19	I hope, influence much Proſperity to that Ian-
25	4 4	7 56	Morn.	Full Moon 25 Day, at 6 Afternoon
26	4 3	7 57	0 18	guiſhing Nation. A fickly Spring may be
27	4 2	7 58	1 20	juſtly feared, but the Month concludes with
28	4 1	7 59	2 23	welcome News and Intelligence from ſeveral
29	4 0	8 0	3 24	Parts of Europe; and good News, with ſafe
30	3 59	8 1	4 20	Returns of the Merchants Ships into the ſe-
31	3 58	8 2	5 16	veral Ports of England.

JUNE hath XXX Days.

Some arm'd with Hope, others on Fame rely,
Wade thorough Dangers of the deepeſt dye;
Theſe, like the Bee, think Toil their Happineſs,
Not knowing who ſhall their hard Pains poſſeſs:
Or, like indulgent Parents, clad with Cares,
Spin out themſelves, providing for their Heirs.

M D	W D	Faſts and Feſtivals.	☉ pl.	☽'s Signs.	☽ ag	☽ riſes & ſets.	Aſpects and Weather.
1	W	Ox. Term beg.	11	feet	22	☌M 42	Fair pleaſant and
2	T	Corpus Chriſti	12	toes	23	1 6	ſeaſonable Wea-
3	F	Term begins.	13	head	24	1 31	ther at the Begin.
4	S	K. Geo. III. bo.	14	face	25	1 55	Drizling Rains
5	B	1 S. aft. Trin.	15	neck	26	2 19	Pr. Ern. Aug. be.
6	M	Cor. ♌ So. 41	16	and	27	2 48	may be expected
7	T	paſt 11 Night.	17	throat	28	3 18	about this Time.
8	W	Day 16 h. 16′.	18	arms	29	3 48	Then changes to
9	T	D. incr. 8 h. 44′	19	ſhould.	N	☽ ſets.	fair and ſeaſonab.
10	F	Prs. Amelia b.	20	breaſt.	2	8 A 54	Overcaſt, and
11	S	St. Barnab. Ap.	21	and	3	9 35	change- □ ☉ ♄
12	B	2 S. aft. Trin.	21	ſtom.	4	10 13	△ ♄ ♂ ☌ ♅ ♀
13	M	Lyra South, at	22	heart	5	10 43	able ☌ ☉ ☿ for
14	T	1 Morning.	23	back	6	11 15	ſome Days. Gen-
15	W	Clo. ſhew Time	24	bowels	7	11 40	tle Winds and
16	T	with the Sun.	25	and	8	Morn.	ſmiling Rains.
17	F	St. Albine Mar.	26	belly	9	0 6	Now more ſettled
18	S	Sun's A. 39°44′	27	reins	10	0 31	and ſerene Air for
19	B	3 S. aft. Trin.	28	loins	11	0 57	ſome Days. Briſk
20	M	Tr. Ed K. W. S.	29	ſecret	12	1 35	Winds ✶ ♃ ☿
21	T	Longeſt Day	♋	memb.	13	1 59	and flying Clouds.
22	W	Term ends.	1	hips	14	2 39	Miſty Mornings
23	T	16 h. 35′ 54″	2	thighs	F	3 28	and hot Days, and
24	F	St. John Bapt.	3	hams	16	☽ riſes.	perhaps ſome
25	S	at London, by	4	knees	17	9 A 23	Thunder and
26	B	4 S. aft. Trin.	5	legs	18	10 4	Lightning in ſome
27	M	allowing the	6	ancles	19	10 38	Places. ✶ ♀ ☿
28	T	Refraction.	7	feet	20	11 6	Briſk Winds and
29	W	St. Peter.	8	toes	21	11 39	gentle Showers
30	T	Day decr. 6′.	9	head	22	11 58	to the End.

The 4 Day, at Midn. Venus
The 5 Day, at 4 Aftern. Jupiter
The 6 Day, at 2 Aftern. Mars } is with the Moon.
The 8 Day, at 4 Aftern. Mercury
The 16 Day, at 10 Night, Saturn

M D	Sun riſes.	Sun ſets.	Moon's South.	Obſervations.
1	3 57	8 3	6 6	Laſt Quarter 1 Day, at 9 Morning.
2	3 56	8 4	6 54	Non omnes ſancti qui calcant limina Templi.
3	3 55	8 5	7 40	
4	3 54	8 6	8 25	Counterfeit Zeal uſually does degenerate into Malice, and we all know the beſt of Men are
5	3 54	8 6	9 10	too ſubject to the Injuries of Fortune. So
6	3 53	8 7	9 54	great are the Actions of Europe at this Time,
7	3 53	8 7	10 38	that the whole World ſtands in Admiration to
8	3 52	8 8	11 24	
9	3 51	8 9	0 A 13	New Moon 9 Day, at 7 Morning.
10	3 51	8 9	1 2	
11	3 50	8 10	1 46	conſider the Events thereof. Many ſerious
12	3 50	8 10	2 33	Debates and Conſultations are now on Foot in
13	3 49	8 11	3 20	many Places of the World; but the Heavens
14	3 49	8 11	4 7	ſeem to ſmile on the Affairs of England, and
15	3 49	8 11	4 54	contribute much to its Grandeur and Felicity.
16	3 48	8 12	5 41	
17	3 48	8 12	6 27	First Quarter 17 Day, at 8 Morning.
18	3 48	8 12	7 14	
19	3 47	8 13	8 4	
20	3 47	8 13	8 57	Various News arrive daily of the heroic Reſo-
21	3 47	8 13	9 54	lutions, Actions, and Endeavours of Foreign
22	3 47	8 13	10 55	Princes; and about this Time we may expect
23	3 47	8 13	11 56	Full Moon 23 Day, at Midnight.
24	3 48	8 12	Morn.	
25	3 48	8 12	0 56	to hear alſo that many Kingdoms and Coun-
26	3 48	8 12	1 59	tries in Chriſtendom ſuffer much, and labour
27	3 49	8 12	2 57	under great Difficulties and Vexations. For in
28	3 49	8 11	3 52	the remote Parts of the World, great Diſaſters
29	3 49	8 11	4 43	may be expected, and more particularly in the
30	3 50	8 10	5 31	Turkiſh Dominions.
				Laſt Quarter 30 Day, at 7 Evening.

JULY hath XXXI Days.

Paſſion and Luſt, Nature's two handmaid Sins,
Two myſtic Devils, two domeſtic Twins;
Both born at once, equal in Quality.
Of different Natures, yet they both agree
To govern Man, and his luxurious Heart,
With him the World too, either by Force or Art.

M D	W D	Faſts and Feſtivals.	☉ pl.	☽'s Signs.	☽ ag	☽ riſes & ſets.	Aſpects and Weather.
1	F	Clock faſt 3′	10	face	23	Morn.	Cool Blaſts of
2	S	Viſit. B.V.M.	11	neck	24	0 21	Wind, with
3	S	5 S. aft. Trin.	12	and	25	0 47	✶ ☉ ♅ flying
4	M		13	throat	26	1 14	Clouds, bringing
5	T	Camb. Com.	14	arms	27	1 46	☉. Midſum. Day.
6	W	Day decr. 12′	14	ſhould.	28	2 18	Showers.
7	T	Tho. à Becket.	15	breaſt	29	3 0	✶ ♂ ☿ Overcaſt.
8	F	Cam. T. ends.	16	and	N	☽ ſets.	Briſk Winds
9	S	Lyra South 10′	17	ſtom.	1	8 A 1	clear- □ ♅ ☿ ing
10	S	6 S. aft. Trin.	18	heart	2	8 44	the Air. Seaſon-
11	M	Ox. Act beg.	19	back	3	9 14	able and good
12	T	p. 11 at Night.	20	bowels	4	9 44	Weather, moſtly
13	W	Day 16 h. 14′	21	and	5	10 5	dry. ✶ ☉ ♄ Cool
14	T	Night 7 h. 46′	22	belly	6	10 30	dark, and over-
15	F	St. Swithen.	23	reins	7	10 54	caſt for ſome Days.
16	S	Ox. T. ends.	24	loins	8	11 21	Now make your
17	S	7 S. aft. Trin.	25	ſecret	9	11 51	Hay this pleaſant
18	M	Clock too faſt	26	memb.	10	Morn.	Weather,
19	T	5 min. 30 ſec.	27	hips	11	☌ 21	it may hold
20	W	Marg. V. & M.	28	thighs	12	1 11	ſeveral Days to-
21	T	Day decr. 42′	29	hams	13	2 4	gether.
22	F	Q. Denm. born	☊	knees	14	3 8	☌ ♂ ♀ Expect
23	S	Twil. 3 h. 32′	1	legs	F	☽ riſes.	now ſome Winds
24	S	8 S. aft. Trin.	2	ancles	16	8 3	and ſmiling Show-
25	M	St. James Apo.	2	feet	17	9 3	ers about the Full
26	T	S. Ann. M.B.V.	3	toes	18	9 31	Moon. Now fair
27	W	Altair South	4	head	19	9 58	and □ ♄ ♂ windy.
28	T	15 minutes	5	and	20	10 23	Cool Winds and
29	F	p. 11 at Night.	6	face	21	10 48	unconſtant Wea-
30	S	Dog Days beg.	7	neck	22	11 14	ther, and Showers
31	S	9 S. aft. Trin.	8	throat	23	11 43	at the Month's end

The 3 Day, at 10 Foren. Jupiter
The 4 Day, at 10 Night Venus
The 5 Day, at 2 Aftern. Mars
The 10 Day, at Midnight Mercury
The 14 Day, at 4 Morn. Saturn
The 31 Day, at 1 Morn. Jupiter
} is with the Moon.

M D	Sun rises.	Sun sets.	Moon's South.		Observations.
1	3 50	8 10	6	17	Omnis Poteſtas a Deo eſt.
2	3 51	8 9	7	2	
3	3 51	8 9	7	48	From the various Configurations of the Pla-
4	3 52	8 8	8	33	nets, they ſeem to foreſhew, or portend, that
5	3 52	8 8	9	18	in many Parts of Europe, as England, Scot-
6	3 53	8 7	10	4	land, Ireland, France, Germany, Poland, and
7	3 54	8 6	10	5[1]	Swedeland, &c. with ſome other Places, there
8	3 55	8 5	11	36	New Moon 8 Day, at 9 Night.
9	3 55	8 5	0	A 26	
10	3 56	8 4	1	13	ſhould be about this Time ſeveral Meetings
11	3 57	8 3	1	59	and Conſultations of high Matters, tending to
12	3 58	8 2	2	36	a happy Regulation and Reformation of many
13	3 59	8 1	3	32	weighty Concerns now under Debate, which
14	4 0	8 0	4	18	cannot be effected in a ſhort Time; and tho'
15	4 1	7 59	5	6	we are in moderate good Order at Home; yet
16	4 2	7 58	5	52	First Quarter 16 Day, at 5 Evening.
17	4 3	7 57	6	43	
18	4 4	7 56	7	37	there are many diſcontented Spirits amongſt
19	4 5	7 55	8	34	us, and always will be; whence Libels and
20	4 6	7 54	9	33	malicious Invectives will be frequent enough
21	4 8	7 52	10	35	againſt our Governors or Government, or both,
22	4 9	7 51	11	37	which will prove of very ill Conſequence: nor
23	4 10	7 50	Morn.		can we expect to be free from all Manner of
24	4 12	7 48	0	37	Full Moon 23 Day, at 7 Morning.
25	4 13	7 47	1	34	Villanies baſely acted between Man and Man.
26	4 15	7 45	2	28	Strange news from Turkey and Italy, and pro-
27	4 16	7 44	3	19	bably from Rome, of the Death of ſome great
28	4 18	7 42	4	8	Perſon, perhaps the Pope (an aged Man) of
29	4 19	7 41	4	55	which we will not be poſitive. God preſerve
30	4 21	7 39	5	41	our Metropolis from Fires, and all other Diſ-
31	4 22	7 38	6	23	aſters whatever.
					Laſt Quarter 30 Day, at 8 Morning.

AUGUST hath XXXI Days.

The general Influx of the Orbs above,
By their due Motions in their Orders move;
To ſway and order all ſublunar Fate,
To raiſe ſome great, others debilitate.
Thus Nature, by her Laws, firſt gives us Breath,
And by theſe Edicts too, appoints our Death.

M D	N D	Faſts and Feſtivals.	☉ pl.	☽'s Signs	☽ ag	☽ riſes & ſets.	Aſpects and Weather.
1	M	Lammas Day	9	arms	24	Morn	Pleaſant and
2	T	Day 15 h. 10′.	10	and	25	0 15	wholeſome Blaſts
3	W	Night 8 h. 50′	11	ſhould.	26	0 58	of Wind all the
4	T	Lyra South 30′	12	breaſt	27	1 42	former Part of
5	F	p. 9 at Night.	13	ſtom.	28	2 0	this Month. Per-
6	S	Transfigurat.	14	heart	29	2 28	haps ſome ſmiling
7	B	10 S. aft. Trin.	15	and	N	☽ ſets.	Showers about
8	M	Day decreaſed	16	back	1	7 46	the New Moon.
9	T	1 h. 36 min.	17	bowels	2	8 11	Flying Clouds, but
10	W	St. Lawrence.	18	belly	3	8 37	generally good
11	T	Prs. Brunſw. b	19	reins	4	9 2	Weather for the
12	F	Pr. Wales born	20	loins	5	9 28	laborious Harveſt-
13	S	Altair South.	21	ſecret	6	9 52	✱ ♃ ☿ man. Not
14	B	11 S. aft. Trin.	22	memb.	7	10 30	much alteration
15	M	Aſſum. B. V. M	23	hips	8	11 10	as yet. Sultry
16	T	Pr. Freder. bo	24	and	9	11 55	Weather may be
17	W	5′ p. 10 Night.	25	thighs	10	Morn.	expected ☌ ☉ ☿.
18	T	Fomelh. Sou.	26	hams	11	0 52	Perhaps ſome
19	F	10′ p. Midnig.	26	knees	12	1 53	Thunder Showers
20	S	Marchab Sou.	27	legs	13	3 9	but generally
21	B	12 S. aft. Trin.	28	ancles	14	☽ riſes	Pr. Will. Hen. bo
22	M	53′ p. Midnig.	29	feet	♓	7 A 33	good Wea ✱ ♄ ☿
23	T	Clo. faſt 2′ 14″	♓	toes	16	8 2	ther; though
24	W	St. Bartholom.	1	head	17	8 37	ſome Rain may
25	T	Altair South,	2	face	18	8 53	chance to fall.
26	F	29 min. paſt	3	neck	19	9 21	Briſk Winds and
27	S	9 at night.	4	and	20	9 50	ſmall Showers.
28	B	13 S. aft. Trin.	5	throat	21	10 24	Good Harveſt-
29	M	Decol. J. Bapt.	♉	arms	22	11 2	Weather con-
30	T	Day light ends	7	ſhould.	23	11 41	cludes the Month.
31	W	58′ p. 8 Night	8	breaſt	24	Morn.	

The 3 Day, at 1 Aftern. Mars
The 4 Day, at 3 Morn. Venus
The 8 Day, at Midnight Mercury } is with the Moon
The 10 Day, at 4 Aftern. Saturn
The 27 Day, at 10 Foren. Jupiter

M D	Sun riſes.	Sun ſets.	Moon's South.		Obſervations.
1	4 24	7 36	7	11	
2	4 25	7 35	7	56	Veritas in profundo latet.
3	4 27	7 33	8	46	Saturn is now in Virgo, and Jupiter in Taurus
4	4 28	7 32	9	34	The Heavens ſeem to ſmile upon the Affai
5	4 30	7 30	10	20	of Ireland, and all things ſucceed well in th
6	4 32	7 28	11	7	country; but we fear clandeſtine Conſultatio
7	4 34	7 26	1	54	New Moon 7 Day, near Noon.
8	4 35	7 25	0 A	43	
9	4 36	7 24	1	29	may be fomented in Scotland and Holland, a
10	4 38	7 22	2	14	other Countries adjacent, if not timely pr
11	4 40	7 20	3	3	vented, or ſome unhappy Diſtemper break o
12	4 41	7 19	3	51	among them. However, at this Time, n
13	4 43	7 17	4	40	much talk of warlike Actions, but rath
14	4 45	7 15	5	32	Firſt Quarter 14 Day, at Midnight.
15	4 47	7 13	6	27	
16	4 49	7 11	7	24	many ſerious Negociations on Foot, and Am
17	4 50	7 10	8	23	baſſadors employed therein. Some Men's H
18	4 52	7 8	9	27	hours eclipſed, others ſtrangely advanced. Mo
19	4 54	7 6	10	23	Nations now conſulting their future Happine
20	4 56	7 4	11	23	as well as preſent peace. Various Counci
21	4 58	7 2	Morn.		Full Moon 21 Day, at 3 Afternoon
22	4 59	7 1	0	16	
23	5 1	6 59	1	10	concerning ancient Privileges, and many Co
24	5 3	6 57	2	1	troverſies now in Agitation among ſome Eur
25	5 5	6 55	2	50	pean Grandees. But if the Stars fail us no
26	5 7	6 53	3	38	our Engliſh Nation remains in great Splendo
27	5 9	6 51	4	26	and the King of Great Britain hath many a
28	5 11	6 49	5	12	ſured Teſtimonies of Tranquility and Welfar
29	5 13	6 47	5	52	Laſt Quarter 29 Day, at 1 Morning
30	5 14	6 46	6	44	
31	5 16	6 44	7	33	

SEPTEMBER hath XXX Days.

Old Chronos walking in the Virgin's Land,
Met the bold Horſeman with his Dart in's Hand.
Two rough-caſt Fellows (that their greeting ſhows)
Firſt give ill Words, and then they fall to Blows:
Their Conflict's ſharp, and both their Valour try'd,
But Mavors ſmote him; ſo he fell, and dy'd.

M D	W D	Faſts and Feſtivals.	☉ pl.	D's Signs.	D ag	D riſes & ſets.	Aſpects and Weather.
1	T	Giles, Abbot.	9	and	25	☌ M 30	✶ ♅ ♂ This
2	F	Lon. bur. O.S.	10	ſtoma.	26	1 24	Month begins as
3	S	Clo. too ſlow 1′	11	heart	27	2 25	the laſt ended.
4	B	14 S. aft. Trin.	12	back	28	3 27	Mild and tempe-
5	M	Day 13 h. 8′.	13	bowels	29	4 32	rate Air, but at
6	T	Decr. 3 h. 22′.	14	belly	N	D ſets	the New Moon
7	W	Dog Days end.	15	reins	2	7 A 15	ex- □ ♅ ♂ pect
8	T	K. Geo. III. ma	16	and	3	7 41	△ ☉ ♅ ſome
9	F	Daylight ends	17	loins	4	8 9	ſmiling Showers.
10	S	30 min. paſt 8.	18	ſecret	5	8 40	Good pleaſant
11	B	15 S. aft. Trin.	19	memb.	6	9 16	Weather, with
12	M	PoleStar South	20	hips	7	10 1	gloomy Mornings
13	T	at 1 in Morn.	21	thighs	8	10 50	and fair Days,
14	W	Holyrood-day	22	hams	9	11 52	and probably no
15	T	Day breaks 41′	23	knees	10	Morn.	great Alteration.
16	F	paſt 3 morn.	24	legs	11	1 2	Good Weather
17	S	Lambert.	25	ancles	12	2 15	for the latter Har-
18	B	16 S. aft. Trin.	26	feet	13	3 29	veſt, which may
19	M	Clock too ſlow	27	toes	14	4 44	continue till the
20	T	6 min. 30″.	28	head	F	D riſes	New Moon.
21	W	St. Matth. Ap.	29	and	1	7 A 2	♂ ☉ ♄ Cool and
22	T	K. Geo. III. cr.	29	face	17	7 33	✶ ☉ ♂ cloudy
23	F	Ember Week.	♎	neck	18	7 59	✶ ♄ ♂ Air, with
24	S	Twil. 2 hours.	1	throat	19	8 31	unſettled Weather
25	B	17 S. aft. Trin.	2	arms	20	9 10	♂ ♄ ☿ Winds
26	M	St. Cyprian.	3	ſhould.	21	9 46	and Showers of
27	T	Clock too ſlow	4	breaſt	22	10 32	✶ ♂ ☿ Rain, and
28	W	9 min. 26″.	5	and	23	1 22	cloſe Air to the
29	T	St. Michael.	6	ſtom.	24	Morn.	Frs. Char. A. born.
30	F	St. Jerome.	7	heart	25	0 18	♂ ☉ ☿ End.

The 1 Day, at 10 Foren. Mars
The 3 Day, at 10 Foren. Venus
The 4 Day, at 2 Aftern. Mercury
The 7 Day, at 6 Morn. Saturn
The 23 Day, at 8 Night. Jupiter
The 30 Day, at 6 Morn. Mars
} is with the Moon.

M D	Sun riſes	Sun ſets.	Moon's South.		Obſervations.
					Malum patientiâ tollitur.
2	5 20	6 40	9	7	The laſt Month's Configurations were not ſo
3	5 22	6 38	9	54	conſiderable, but this affords us much Variety;
4	5 24	6 36	10	22	for no leſs than nine Times are the Planets in
5	5 26	6 34	11	29	Aſpect among themſelves, as may be ſeen in
6	5 28	6 32	0 A	19	New Moon 6 Day, at 2 Morning.
7	5 30	6 30	1	7	
8	5 32	6 28	1	55	the Column thereof, but eſpecially the Num-
9	5 34	6 26	2	45	ber that attend the Ingreſs; and as various
10	5 36	6 24	3	37	will the Tranſactions of Europe be. Some
11	5 38	6 22	4	31	Grandees will be called into Queſtion, and very
12	5 40	6 20	5	27	material Matters laid to their Charge. Some
13	5 42	6 18	6	22	First Quarter 13 Day, at 6 Morning.
14	5 43	6 17	7	22	
15	5 45	6 15	8	20	Perſons are found guilty in their Breach of
16	5 46	6 14	9	17	Truſt, but I tell them that the Sword of Juſ-
17	5 50	6 10	10	13	tice can deſtroy the Sinner any where, at any
18	5 52	6 8	11	6	Time, beyond Expectation; and Death can
19	5 53	6 7	11	58	find us out when we leaſt expect it. Many
20	5 55	6 5	Morn.		Full Moon 20 Day, at 2 Morning.
21	5 57	6 3	0	48	
22	5 59	6 1	1	37	Diſtractions and Confuſions now in ſeveral
23	6 1	5 59	2	25	Kingdoms and Countries of Europe. Amongſt
24	6 3	5 57	3	14	the reſt, let the Great Turk expect his Share,
25	6 5	5 55	3	59	if he proceeds as he has hitherto done. Many
26	6 7	5 53	4	47	eminent Men and great Commanders make
27	6 9	5 51	5	35	Laſt Quarter 27 Day, at 7 Aftern.
28	6 11	5 49	6	23	their Exit now or near this Time, eſpecially
29	6 13	5 47	7	10	in thoſe Places of the European World, where
30	6 15	5 45	7	57	there is the moſt Action.

OCTOBER hath XXXI Days.

Among the Frowns of a disturbed Age,
Disorder'd Man's the Wonder of the Stage;
Like an imprison'd Bird hops up and down,
From Perch to Perch, makes his Life troublesome.
So Honour, Pelf, and Lust delude the Eye,
And 'tis that Light most Souls are guided by.

M D	W D	Feasts and Festivals.	☉ pl.	☽'s Signs.	☽ ag	☽ rises & sets.	Aspects and Weather.
1	S	Remigius Bish.	8	back	26	1 M 20	Calm and serene
2	B	18 S. aft. Trin.	9	bowels	27	2 36	△ ♄ ♀ Air at the
3	M	Marchab Sou.	10	belly	28	3 33	beginning. At
4	T	10′ p. 10. Nig.	11	reins	29	4 42	or about the New
5	W	Day 11 h. 10′	12	and	N	☽ sets.	Moon expect
6	T	Faith Vir. & M.	13	loins	1	6 A 13	some Showers.
7	F	Pole Star Sou.	14	secret	2	6 49	Then clear and
8	S	50′ p. 11 Nig.	15	memb.	3	7 25	windy, and good
9	B	19 S. aft. Trin.	16	hips	4	8 8	Weather for the
10	M	Ox. & Ca. T. b.	17	thighs	5	8 56	Wheat Seed-time
11	T	Clock too slow	18	hams	6	9 56	Old Mich. Day.
12	W	14 m. 10 sec.	19	knees	7	11 1	for the industrious
13	T	Transf. K. Ed.	20	legs	8	Morn.	Farmer. Winds
14	F	Fomelh. Sou.	21	ancles	9	0 9	and Show ☌ ♄ ♀
15	S	24′ p. 9 Night	22	feet	10	1 22	ers □ ♃ ♂ of
16	B	20 S. aft. Trin.	23	and	11	2 36	Rain about this
17	M	Etheldred.	24	toes	12	3 51	Time. Frosty
18	T	St. Luke, Ev.	25	head	13	5 3	Mornings, with
19	W	Day 10 h. 16′ lo.	26	face	F	☽ rises	pleasant Days.
20	T	Decr. 6 h. 14′.	27	neck	15	6 A 4	A pleasant Sea-
21	F	Ursula.	28	throat	16	6 34	son still continues
22	S	Twi. 1 h. 57′.	29	arms	17	7 7	without much al-
23	B	21 S. aft. Trin.	♏	and	18	7 4′	teration for some
24	M	Day br. 5 h. 4′.	1	should.	19	8 30	Days. □ ♂ ☿
25	T	K. Geo. III Ac.	2	breast	20	9 19	Winds are now
26	W	K. G. III. Pro.	3	stom.	21	☌ 14	expected, with
27	T	D. ends 6 h. 51′	4	heart	22	11 12	some Showers,
28	F	St. Sim. & Jude.	5	and	23	Morn.	and cloudy
29	S	Old St. Luke.	6	back	24	0 13	✶ ♂ ♀ to the
30	B	22 S. aft. Trin.	7	bowels	25	1 18	End of the
31	M	D. dec 6 h. 54′	8	belly	26	2 23	Month.

The 3 Day, at 4 Aftern. Venus
The 4 Day, at 8 Night Saturn
The 5 Day, at 9 Night Mercury
The 20 Day, at 11 Night Jupiter
The 28 Day, at 8 Night Mars
The 31 Day, at Midnight Saturn
} is with the Moon

M. D.	Sun rises	Sun sets	Moon's South.	Obſervations.
				Omnia Tempus habet.
1	6 17	5 43	8 44	In this Month we may find Saturn and Venus
2	6 19	5 41	9 32	ſalute each other, as once a Year they gene-
3	6 21	5 40	10 19	rally do: To which I may add, the friendly
4	6 23	5 37	11 7	
5	6 25	5 35	11 56	New Moon 5 Day, at 3 Afternoon.
6	6 27	5 33	0 A 47	
7	6 29	5 31	1 40	Trine of Jupiter and Venus. And I ſay from
8	6 31	5 29	2 32	the Words of a learned Divine, "He that
9	6 32	5 28	3 41	ſmarts for ſpeaking Truth, has a Plaiſter
10	6 34	5 26	4 28	in his own Conſcience." I need not doubt, I
11	6 36	5 24	5 25	preſume, but we in England remain in a quiet
12	6 38	5 22	6 23	First Quarter 12 Day, at Noon.
13	6 40	5 20	7 19	
14	6 42	5 18	8 14	peaceable Condition, in the general; nor can
15	6 44	5 16	9 8	I diſcover what can diſturb us, could we but
16	6 46	5 14	9 59	once agree among ourſelves, and lay aſide all
17	6 48	5 12	10 48	needleſs Diſputes and Controverſies, which are
18	6 50	5 10	11 37	uſually fomented by the Prince of Darkneſs.
19	6 52	5 8	Morn.	Full Moon 19 Day, at 3 Afternoon.
20	6 54	5 6	0 A 25	
21	6 56	5 4	1 10	Bonum quo communius eo melius. Yet ſome
22	6 58	5 2	1 59	Perſons can never ceaſe to be croſs and unfor-
23	7 0	5 0	2 37	tunate till they ceaſe to be; and if ſo, the
24	7 2	4 58	3 25	Preſervation and Continuation of Life in ſuch,
25	7 4	4 56	4 23	is only Part of their Puniſhment in this World.
26	7 6	4 54	5 1	Ergo, Little Contentment or Satisfaction.
27	7 8	4 52	5 57	Laſt Quarter 27 Day, at 3 Afternoon.
28	7 9	4 51	6 43	
29	7 11	4 49	7 30	But whilſt I live, and have my Pockets lin'd,
30	7 13	4 47	8 16	Let me alone to get a quiet Mind.
31	7 14	4 46	9 2	

NOVEMBER hath XXX Days.

Of philoſophic Terms I have heard ſome ſay,
The *a quo* and *ad quem* bear a mighty ſway.
By this I apprehend here and above,
All Things have Motion, and they all muſt move.
Bleſt be that Hand, whoſe Words all things obey,
If this be true, our Ills will move away.

M D	W D	Facts and Feſtivals.	☉ pl.	☽'s Signs.	☽ ag	☽ Riſes & ſets.	Aſpects and Weather.
1	T	All Saints.	9	reins	27	3 M 36	Winds, with a
2	W	Pr. Edw. born.	10	loins	28	4 46	8 ☉ ♄ froſty
3	T	Day 9 h. 20′.	11	ſecret	29	6 2	Air now about.
4	F	Decr. 7 h. 8′.	12	memb.	N	☽ ſets.	Sleets or Rain
5	S	Powder Plot.	13	hips	2	6 A 4	near the ✱ ♄ ♀
6	B	23 S. aft. Trin.	14	thighs	3	6 51	New Moon.
7	M	D. Cumb. bo.	15	hams	4	7 48	Term begins.
8	T	Prs. Sop. Au.b.	16	knees	5	8 53	Gentle Winds
9	W	Lo. Mayor's D.	17	legs	6	10 2	and temperate
10	T	Twil. 2 h. 3′.	18	ancles	7	11 14	Weather is ex-
11	F	Martinmas.	19	feet	8	Morn.	pected for ſeveral
12	S	Britius Biſhop.	20	and	9	0 28	Days. No great
13	B	24 S. aft. Trin.	21	toes	10	1 39	Alte- ☽ ♃ ♀ ra-
14	M	Day light ends	22	head	11	2 51	tion as yet. Tur-
15	T	25′ paſt 6 Nig.	23	face	12	4 3	bulent and right
16	W	Fomelhaut So.	24	neck	13	5 10	winterly Weather
17	T	Hugh, Biſh. L.	25	and	14	6 16	at or about the
18	F	7 min. paſt	26	throat	F	☽ riſes.	New Moon.
19	S	7 at Night.	27	arms	16	5 A 47	Then froſty Morn-
20	B	25 S. aft. Trin.	28	ſhould.	17	6 22	ings and clear
21	M	Clock ſlo. 14′.	29	breaſt	18	7 9	Days may be ex-
22	T	Old Mart. Day	♐	and	19	8 0	pected. Miſty
23	W	St. Clement.	1	ſtoma.	20	8 57	Mornings and
24	T	Chriſtian.	2	heart	21	9 56	foggy Days, with
25	F	D. Glouce. bo.	3	back	22	10 59	ſome remiſſion
26	S	Day 8 h. 8′.	4	bowels	23	Morn.	✱ ☉ ♄ of cold.
27	B	Advent Sund.	5	and	24	0 4	Dark Days, with
28	M	Term ends.	6	belly	25	1 9	ſome Rain at the
29	T	Decr. 8 h. 26′.	7	reins	26	2 17	End.
30	W	St. Andr. Ap.	8	loins	27	3 32	

The 2 Day, at 10 Night Venus
The 5 Day, at 2 Aftern. Mercury
The 16 Day, at 9 Night Jupiter } is with the Moon.
The 26 Day, at 9 Morn. Mars
The 28 Day, at Midnight Saturn

M D	Sun rifes.	Sun fets.	Moon's South.	Obfervations.
1	7 16	4 44	9 49	Optima corrupta peſſima.
2	7 18	4 42	10 39	What greater Happineſs than a quiet cloſe re-
3	7 20	4 40	11 30	tiring Room, when nothing but Blood and
4	7 21	4 39	0 A 26	
5	7 23	4 37	1 23	New Moon 4 Day, at 3 Morning.
6	7 25	4 35	2 22	Ruin is heard of without; and this is our
7	7 27	4 33	3 21	Happineſs in England. We are quiet and ſafe,
8	7 29	4 31	4 21	whilſt many other Countries and Kingdoms
9	7 30	4 30	5 18	remain in Confuſion and Diſtraction, Ruin and
10	7 32	4 28	6 14	all Manner of Calamities. Many Rumours
11	7 34	4 26	7 7	First Quarter 10 Day, at 7 Night.
12	7 36	4 24	7 57	are, notwithſtanding, ſpread amongſt us; and
13	7 37	4 23	8 45	now about this Time ſome Perſons receive
14	7 39	4 21	9 35	Preferment without looking out for it, when
15	7 40	4 20	10 30	others are unhandſomely diſappointed of their
16	7 42	4 18	11 6	long hoped-for Advancement: and it is ſome-
17	7 44	4 16	11 53	times a greater Honour to fail of the Reward
18	7 45	4 15	Morn.	Full Moon 18 Day, at 6 Morning.
19	7 46	4 14	0 49	
20	7 48	4 12	1 27	than to receive it. The various Actions and
21	7 49	4 11	2 14	grave Conſultations of this Month ſhould be
22	7 50	4 10	3 1	very hopeful and pleaſing in the general, and
23	7 52	4 8	3 48	the People remain in good Order, not perplex-
24	7 53	4 7	4 34	ed with Fears and Jealouſies, as in ſome late
25	7 55	4 5	5 2	
26	7 56	4 4	6 4	Laſt Quarter 26 Day, at 11 Foren.
27	7 57	4 3	6 49	Years. Unexpected News arrives about the
28	7 59	4 1	7 35	End hereof, of no mean Concernment; and
29	8 0	4 0	8 22	Thanks be to God, we of the Engliſh Nation
30	8 1	3 59	9 11	enjoy both Peace and Plenty. Vivat Rex.

DECEMBER hath XXXI Days.

'Tis Time's ſwift Foot that meaſures out our Years,
Our Days and Hours, with our Plagues and Fears.
By Time our Fathers to their Periods came,
So to our Heirs he meaſures out the ſame.
Howe'er you uſe him, ſtill he keeps his Way,
And ſhould you aſk him, he'll refuſe to ſtay.

M D	W D	Faſts and Feſtivals.	☉ pl.	☽'s Signs.	☽ ag	☽ riſes & ſets.	Aſpects and Weather.
1	T	Day 7 h 56′.	9	ſecret	28	4 M 46	Moderate for the
2	F	Decr. 8 h. 32′.	10	memb.	29	6 2	Seaſon, but ſoon
3	S	D. ends 6 h. 5′.	11	hips	N	☽ ſets.	changes to ☌ ☉ ☿
4	B	2 S. in Advent.	12	thighs	1	5 ♎ 25	Winds, □ ♂ ♀
5	M	Clock ſlow 9′.	13	hams	2	6 28	Rains, ✶ ♄ ♀
6	T	Nichol. Biſh.	14	knees	3	7 37	cloudy △ ♃ ♂
7	W	Twil. 2 h. 12′	15	legs	4	8 52	and cold ☌ ♀ ☿
8	T	Conc. B. V. M.	16	ancles	5	10 6	Sleets, □ ♂ ☿
9	F	PoleStar South	17	feet	6	11 22	with ✶ ♄ ☿ va-
10	S	37′ paſt 7 Nig.	18	toes	7	Morn.	riety of winterly
11	B	3 S. in Advent.	19	head	8	0 33	Weather for ſome
12	M	Clock ſlow 6′.	20	face	9	1 43	Days, and is very
13	T	Lucy, V. & M	21	neck	10	2 51	like to continue
14	W	Ember Week.	22	and	11	3 57	ſuch till after the
15	T	Day br. 6 Mor	23	throat	12	5 1	Full Moon.
16	F	Cam. T. ends.	24	arms	13	6 3	
17	S	Ox. Ter. ends.	25	ſhould.	14	7 1	Then is more
18	B	4 S. in Advent.	26	breaſt	F	☽ riſes	ſettled into Froſt
19	M	Day 7 h. 36′ lo.	27	and	16	5 40	and Cold, and
20	T	Decr. 8 h. 50′.	28	ſtoma.	17	6 36	holds ſo by Inter-
21	W	St. Thom. Ap.	29	heart	18	7 35	vals for ſeveral
22	T	Good Clocks	♑	back	19	8 35	Days. Now
23	F	ſhew Time	2	bowels	20	9 38	more moderate
24	S	with the Sun.	3	and	21	10 43	and temperate for
25	B	Chriſtmas Day	4	belly	22	11 49	the Sea- △ ☉ ♃
26	M	St. Stephen.	5	reins	23	Morn.	ſon. Yet I ex-
27	T	St. John Ev.	6	loins	24	0 57	pect the Year
28	W	Holy Innocents	7	ſecret	25	2 8	will end with
29	T	Day increaſed	8	memb.	26	3 22	variety of winter-
30	F	6 minutes.	9	hips	27	4 36	ly Weather.
31	S	Silveſter, B. R.	10	thighs	28	5 54	

The 2 Day, at Midnight	Venus	is with the Moon
The 3 Day, at 9 Night	Mercury	
The 13 Day, at 10 Night	Jupiter	
The 24 Day, at 8 Morn.	Mars	
The 26 Day, at 1 Aftern.	Saturn	

M D	Sun rises	Sun sets	Moon's South.	Observations.
				Quot homines tot Sententiæ.
				Life is but one Point of flying Time, and we
1	8 2	3 58	10 2	
2	8 3	3 57	10 58	
3	8 4	3 56	11 53	New Moon 3 Day, at 2 Afternoon.
4	8 5	3 55	0 A 58	
5	8 5	3 55	2 0	see those that never gain much, are sure never
6	8 6	3 54	3 0	to want but little Hence some think such
7	8 7	3 53	3 59	Persons the most happy in the World. The
8	8 8	3 52	4 55	Configurations of the Cælestial Bodies this
9	8 9	3 51	5 46	Month are mostly benevolent; and being Bo-
10	8 10	3 50	6 34	dies animate, they distil their Influences as
11	8 10	3 50	7 21	First Quarter 10 Day, at 5 Morn.
12	8 11	3 49	8 8	well on natural as artificial Things. The Ele-
13	8 11	3 49	8 54	ments have their Mutations, the Earth itself
14	8 11	3 49	9 40	hath its Motions, and Kingdoms also, after
15	8 12	3 48	10 26	some Revolutions, have their Periods and non
16	8 12	3 48	11 12	plus ultra. We draw towards the Year's
17	8 13	3 48	11 59	end, and are (Thanks be to God) the most
18	8 13	3 47	Morn.	Full Moon 17 Day, near Midnight.
19	8 13	3 47	0 45	Happy and propitious Kingdom in Europe
20	8 13	3 47	1 32	May we ever continue so, in Peace and Unity;
21	8 13	3 47	2 19	and it may be hoped, that by this Time there
22	8 13	3 47	3 5	is much more Peace and Tranquility of Spirit
23	8 13	3 47	3 50	among Persons of different Judgments than
24	8 12	3 48	4 35	formerly, or at least a good Accommodation
25	8 12	3 48	5 19	is nearly approaching: And so I conclude my
26	8 12	3 48	5 59	Last Quarter 26 Day, at 5 Morning.
27	8 11	3 49	6 44	
28	8 11	3 49	7 30	Observations, and say, God preserve his sacred
29	8 10	3 50	8 28	Majesty, George, of Great Britain, and all the
30	8 10	3 50	9 22	Royal Family, and grant him a long and pros-
31	8 9	3 51	10 20	perous Reign. Amen.

The Dominion of the Moon in Man's Body, Paſſing under the twelve Zodiacal CONSTELLATIONS.

♈ *Aries* Head and Face.	♎ *Libra* Reins and Loins.
♉ *Taurus* Neck and Throat.	♏ *Scorpio* Secret Members.
♊ *Gemini* Arms and Shoulders.	♐ *Sagittary* Thighs & Hips.
♋ *Cancer* Breaſt and Stomach.	♑ *Capricorn* Knees & Hams.
♌ *Leo* Heart and Back.	♒ *Aquarius* Legs & Ancles.
♍ *Virgo* Bowels and Belly.	♓ *Piſces* Feet and Toes.

The Names and Characters of the Planets.

With the *Dragon's Head* and *Tail.*

♄ Saturn. ♃ Jupiter. ♂ Mars. } ☉, or the Sun. { ♀ Venus. ☿ Mercury. ☽ the Moon.

☊ Dragon's-Head.
☋ Dragon's-Tail.

The Characters of the Aſpects.

☌ Conjunction. ⚹ Sextile. } ☍ Oppoſition. { △ Trine. □ Quartile.

Upon the Twelve Signs.

♈ The Head and Face the *Ram* doth always rule:
♉ The Neck and Throat are govern'd by the *Bull.*
♊ O'er th' Arms and Shoulders ſtill the *Twins* preſide;
♋ Breaſt, Stomach, Ribs, the crooked *Crab* doth guide.
♌ The noble *Lion* rules the Back and Heart:
♍ The baſhful *Virgin* claims the Belly Part.
♎ The Reins and Loins the equal *Balance* weigh:
♏ The *Scorpion* o'er the Secret Parts doth ſway.
♐ The curious *Archer* doth the Thighs affect:
♑ So doth the *Goat* our bended Knees protect.
♒ The Legs unto *Aquarius'* Lot do fall:
♓ The *Fiſh* our active Feet their Portion call.

A CHRONOLOGY of many remarkable Occurrences from the Year 1600, to this preſent Year 1774.

Years of Chriſt		Years ſince
1600	K. Charles I. born at Dumferling in Scot. Nov. 19.	174
1601	The Earl of Eſſex beheaded	173
1603	Queen Elizabeth died, having reigned 45 Years	171
1603	A great Plague in London, died 56570	171
1603	King James I. crown'd, July 15th, at Weſtminſter	171
1605	The Popiſh Gunpowder Treaſon, Nov. 5	169
1613	The Lady Elizabeth married to Prince Palatine	161
1614	The New River brought to London	160
1625	King James I. died at Theobald, March 27	149
1625	A great Plague in London, died 34517	149
1625	King Charles I. crown'd Feb. 2, at Weſtminſter	149
1632	A great Fire on London Bridge, Feb. 11	142
1634	Old Parr died, aged 152	140
1637	The Scots reſolve upon a War with England	137
1639	The Dutch deſtroy the Spaniſh Fleet in the Downs	135
1640	The Earl of Stafford adviſes a War with Scotland	134
1641	The Earl of Stafford beheaded, May 12	133
1641	The cruel Iriſh Maſſacre, began October 23	133
1642	Edgehill and Brentford Fight	132
1643	Newbury firſt and ſecond Fight	131
1644	Marſton Moor Fight, July 3	130
1644	Bridgenorth burnt on Eaſter Sunday	130
1645	The fatal Battle of Naſeby, June 14	129
1646	Belvoire Caſtle ſurrendered to the Parliament	128
1648	The Garriſon of Colcheſter ſurrendered Auguſt 28	126
1649	King Charles I. traiterouſly beheaded, Jan. 30	125
1651	The bloody Fight at Worceſter, Sept. 3	123
1658	Oliver Cromwell died Sept. 3	116
1660	King Charles II. reſtored, May 29	114
1661	King Charles II. crowned, April 23, at Weſtminſter	113
1661	The Earl of Argyle beheaded, May 28	113
1661	The Parliament met November 20, and grant the King one million & two hundred thouſand Pounds	113
1661	A great Storm in London, Feb. 18	113
1664	Both Houſes offer to aſſiſt His Majeſty againſt the Dutch for invading our Trade	110
1664	The Commons vote the King a ſupply of two million 500 thouſand Pounds for a Dutch War	110
1665	A great Plague in London, died 68586	109
1665	Our Hamburgh Fleet taken by the Dutch	109

Years of Christ		Years since
1665	The Parliament meet at Oxford, and vote the King an additional Supply of one million 250 thousand Pounds, to be paid in two Years	109
1666	The lamentable Burning of London, Sept. 2	108
1666	The Dutch Fleet insult the English Coast	108
1666	War declared against Denmark, October 19	108
1666	Bills of Supply passed, amounting to 180000 l.	108
1667	The Dutch burn our Ships at Chatham	107
1667	Peace with the Dutch, France, and Denmark proclaimed at London, August 24	107
1667	The Royal Exchange built	107
1668	Peace proclaimed with Spain, Feb. 13	106
1669	The Royal Exchange first opened, Sept. 28	105
1670	The Prince of Orange arrives at Whitehall	104
1671	A great Fire happened at Oxford, April 25	103
1672	The King shuts up the Exchequer	102
1672	A declaration of War published against the Dutch, March 17	102
1672	A great Fire in St. Catharine's, May 25	102
1672	His Majesty again stops Payment in the Exchequer	102
1673	The English take the Island of Tabago from the Dutch, and they take St. Helena from us	101
1673	The Commons grant the King a Supply of one million and 238 thousand Pounds	101
1674	Peace with Holland proclaimed, February 28	100
1675	The Town of Northampton burnt, September 3	99
1676	A great Fire in Southwark	98
1677	584000l. granted to the King for building Ships of War, and additional Excise on Beer, &c.	97
1677	The Prince of Orange married to the Princess Mary, at St. James's, November 4	97
1678	The Commons vote a supply of 200000l. for disbanding the Army, and 200000l. more towards the Expence of the Fleet.	96
1678	The Popish Plot discovered by Dr. Tonge, &c.	96
1678	Sir Edmund Bury Godfrey murdered by the Popish Conspirators, October 17	96
1680	A great Comet appeared in December	94
1682	Another Comet appeared	92
1683	The Lord Russel beheaded, July 21	91
1684	The great Frost that held 13 Weeks	90
1685	King Charles II. died, and King James II. began	89
1685	The Duke of Monmouth beheaded, July 15	89

The

Years of Christ		Years since.
1688	The seven Bishops sent to the Tower, June 8 The Pretender said to be born, June 10	86
1688	The Prince of Orange landed at Torbay, Nov. 4 King James II. abdicated, December 12	86
1689	King William and Queen Mary crown'd, April 11	85
1692	A great Earthquake in England, Sept. 8	82
1702	King William died, and Queen Anne began Mar. 8	72
1702	Queen Anne declared War against France, May 4	72
1703	A terrible great Wind, November 26 and 27	71
1704	Gibralter taken, and the Victory at Hochstet	70
1706	The Victory at Ramillies over the French	68
1707	England and Scotland united, May 1	67
1708	The Pretender attempted to invade Great Britain	66
1708	The French beat at Oudenard, June 30	66
1709	The French beat in the Woods at Blanglies	65
1713	Peace with France proclaimed, May 5	61
1714	Queen Anne died, and King George I. began, Aug. 1	60
1716	The Rebellion in Scotland and Lancashire	58
1716	A great Frost and Snow, a Fair on the Thames	58
1718	The first Appearance of the Northern Lights	56
1719	A great fiery Meteor, March 19, at 8 at Night	55
1724	The bloody Execution of the Protestants at Thorn in Poland, by the Jesuits and Popish Faction	50
1727	K. George I. died June 11. K. George II. proc. 15	47
1727	An Earthquake in several Parts of England	47
1733	Broad Pieces of Gold called in and coined into Guineas	41
1739	War declared by Gr. Britain against Spain, Oct. 23	35
1739	The Forts of Porto-Bello destroyed by Adm. Vernon	35
1741	The Battle of Molwitz in Silesia, April 10	33
1742	The Battle of Crassaw in Bohemia, May 17	32
1743	The Battle of Dettingen, June 16	31
1744	War declared by Gr. Britain against France, Mar. 31	30
1745	A Rebellion in Scotland, August	29
1746	The Scotch Rebels defeated, April 16	28
1747	A Victory obtained over the French Fleet, by the Admirals Anson and Warren, May 3	27
1748	A General Peace	26
1751	The Prince of Wales died, March 21	23
1752	The Date and Calendar altered	22
1756	War declared against France	18
1760	K. George II. died, Oct. 25, K. George III. pro. 26	14
1763	A General Peace proclaimed, March 10	11

A TABLE of the Rising, Southing, and Setting of the Pleiades, or Seven Stars, for every 5th Day in the Year, of excellent Use to find the Hour of the Night.

Month & Days	Rise h.	m.	South h.	m.	Sets h.	m.	Month & Days	Rise h.	m.	South h.	m.	Sets h.	m.
January 1	oM	28	8A	45	5M	2	July 2	12A	30	8M	47	5	4
January 6	0	6	8	23	4	40	July 7	12	10	8	27	4	44
January 12	11	39	7	56	4	13	July 12	11	49	8	6	4	23
January 17	11	17	7	34	3	51	July 17	11	29	7	46	4	3
January 22	10	56	7	13	3	30	July 22	11	9	7	26	3	43
January 27	10	35	6	52	3	19	July 27	10	49	7	6	3	23
February 1	10	15	6	32	2	49	August 1	10	30	6	47	3	4
February 6	9	55	6	12	2	29	August 6	10	10	6	27	2	44
February 12	9	31	5	48	2	5	August 12	9	48	6	5	2	21
February 17	9	12	5	29	1	46	August 17	9	29	5	46	2	2
February 22	8	52	5	9	1	26	August 22	9	10	5	27	1	44
February 27	8	34	4	51	1	8	August 27	8	52	5	5	1	26
March 4	8	15	4	32	12A	45	September 1	8	34	4	51	1	8
March 9	7	56	4	14	12	30	September 6	8	16	4	33	oM	50
March 12	7	45	4	2	12	19	September 12	7	54	4	11	0	28
March 17	7	27	3	54	12	1	September 17	7	36	3	53	0	10
March 22	7	7	3	24	11	41	September 22	7	18	3	35	11	52
March 27	6	49	3	6	11	23	September 27	6	58	3	16	11	33
April 1	6	31	2	48	11	5	October 2	6	40	2	57	11	14
April 6	6	13	2	30	10	47	October 7	6	22	2	39	10	56
April 12	5	51	2	8	10	25	October 12	6	4	2	21	10	31
April 17	5	33	1	54	10	7	October 17	5	45	2	2	10	10
April 22	5	14	1	31	9	48	October 22	5	26	1	3	10	9
April 27	4	55	1	12	9	29	October 27	5	7	1	24	9	41
May 2	4	37	0	54	9	11	November 1	4	48	1	5	9	22
May 7	4	17	0	34	8	51	November 6	4	28	0	44	9	2
May 12	3	58	0	15	8	32	November 12	4	4	0	21	8	38
May 17	3	38	11M	54	8	12	November 17	3	43	0A	0	8	17
May 22	3	18	11	35	7	52	November 22	3	23	11	40	7	57
May 27	2	58	11	15	7	32	November 27	3	1	11	18	7	35
June 1	2	38	10	55	7	12	December 2	2	40	10	57	7	14
June 6	2	18	10	35	6	52	December 7	2	18	10	35	6	52
June 12	1	54	10	11	6	28	December 12	1	56	10	13	6	30
June 17	1	32	9	49	6	6	December 17	1	34	9	51	6	8
June 22	1	12	9	29	5	46	December 22	1	12	9	29	5	46
June 27	2A	51	9	8	5	25	December 27	oM	50	9	7	5	24

A Table of ſome principal fixed Stars, with the Time they Riſe, South and Set, either before or after the Seven Stars; as alſo their Colour, Magnitude, and Meridian Altitude, by which they may be readily diſcovered.

Colour	Alt.	Mag	Names of the Stars.	Riſe h. m.	South h. m.	Sets h. m.
♂	53	1	Aldebaran, or Bull's Eye	1 a 34	0 a 48	0 b 0
♄ ♃	29	1	Left Foot of Orion	4 31	1 31	1 34
♃ ♄	36	2	Middle * in Orions Belt	4 13	1 51	0 35
♂ ☿	45	1	Right Shoulder of Orion	3 23	2 8	0 8
♀ ♂	21	1	Syrius, the great Dog	6 41	3 1	0 48
♂	43	2	Procyon, the little Dog	5 33	3 53	2 a 7
♄ ☉	30	1	Heart of Hydra	8 39	5 41	2 44
♄ ♂	51	1	Regulus, Lion's Heart	7 26	6 21	5 16
☿	54	1	The Lion's Tail, Denab	8 42	7 54	7 7
♀ ♂	28	1	Virgins Spike	12 46	9 38	6 36
♂ ♃	58	1	Arcturus	10 47	10 30	10 12
♂	12	1	Antares, the Scorp. He.	17 36	12 39	7 42
♄ ☿	46	2	Bright * of the Vulture	17 38	16 3	9 b 27
♀ ☿	6	1	Fomelhaut	11 14	19 11	10 37
♃ ♀	56	2	Head of Andromeda	10 42	10 19	2 56

THE brighteſt of the 7 *'s is of the third Magnitude, and hath 61 Degrees of Meridian Altitude, and in Colour participates of the ☽ and ☿.

The fixed Stars all riſe, ſouth, and ſet about 4 Minutes ſooner every Night than they did the Night before; this conſidered, the exact Time of their Riſing, Southing, and Setting for any intermediate Night, not herein noted, may be very eaſily deduced from theſe Tables, by Inſpection only.

To know the Time of the Riſing, Southing, and Setting of any Star in this Table, for any Day required, it is but conſidering how many Hours and Minutes that Star riſes, ſouths, or ſets, either before or after the 7 Stars on that Day, and you will have your Deſire; obſerving that in this Table, *a* ſtands for *after*, and *b* for *before*.

The first of these Occultations happens on *Saturday*, the 22d of *January*, at 17 Minutes past Four in the Evening, the Star will just touch the eastern Limb of the Moon, and at 31 Minutes past Five will again appear on the contrary Side, after having been hid one Hour and 14 Minutes. The second happens on *Thursday* the 14th of *April*, in the Evening, the Star will touch the Moon at 10 Minutes past Six, and will again appear on the contrary Side at 19 Minutes past Seven, after being hid one Hour nine Minutes. The third happens on *Friday* the 18th of *November*, in the Evening, the Star touches the Moon at 51 Min. past Five, and will appear again on the other Side at 48 Minutes past Six, after having been hid 57 Min. On *Sunday* the 8th of *May*, there happens a notable and beautiful Occultation of the Planet *Mercury* by the Moon: This Conjunction is worth the Notice of the Curious, for though it is in the Day Time, it may be discovered by a tolerable good Telescope of no more than four or five Feet in Length, if the Air be clear. The Immersion will be 38 Minutes past Seven in the Morning, and the Emersion 13 Minutes past Eight; so that *Mercury* will be covered by the Moon 35 Min. and this Planet being near his greatest Elongation from the Sun, makes it an Occultation worthy the Observation of the curious Astronomers.

N.B. The above Computations were made from the late Professor *Mayer*'s manuscript Tables of the Stars Longitudes, &c. from the late Dr. *Bradley*'s Observations.

A Continuation of the Effects of COMETS, which I promised in my last.

THE next that I shall take Notice of, is that of 1456; but Mr. *Edward Sherburne* says there were two at the same Time, and that they began in *June*, the one in *Cancer*, the other in *Leo*, and their Tails were above 60 Degrees in Length; there followed great Ruin, and Destruction to Mankind, Wars, Pestilences, and Earthquakes, bloody Wars between the *Turks* and *Christians*; and that great Man *John Huniades*, the Terror to the *Turks*, died much lamented by all *Europe*. Also there was a direful Earthquake in *Italy*, by Means whereof 30,000 Persons lost their Lives, and the young King of *Hungaria*, on the Day appointed for his Marriage, died suddenly. One of *Huniades*'s Sons, being then a Prisoner and expecting Sentence of Death, was set at Liberty, and chosen King; so that there

there was a ſudden and ſtupendous Alteration of Affairs: *Scanderberg*'s Wars, and the great Commotions cauſed thereby, were about this Time. In the Year 1460 a notable Comet was ſeen, as *Prætorius Rockenbaechius*, and *Funccius* relate, the King of *France* and the King of *Scotland* died. *Cracovia* was laid waſte with Fire and Sword. In *England*, the Duke of *York*, aſpiring to the Throne, headed an Army, deſigning to depoſe the King, but was himſelf ſlain. His Son, the Earl of *March*, put in for the Crown, between whom, and King *Henry* VI. there was, this Year, the bloodieſt Battle fought that ever was known in *England*. No leſs than 37,000 *Engliſhmen* were ſlain in one Day. The Earl gets the Crown, and the King was kept Priſoner in the Tower. A civil War began in *France*.

In the Year 1470, a marvellous Comet appeared. That great Mathematician *Regiomontanus*, (whom *Peter Ramus* calls the Glory of *Germany*) was accurate in obſerving that Prodigy in all its Motions, from whom *Mizaldus* hath given an exact Deſcription of it. The Body of the Star did at firſt ſeem ſmall, but on a ſudden it grew to a wonderous Magnitude, and then again decreaſed. Sometimes of a white, other while of a Flame-like Aſpect. The Blaze was at the firſt Appearance, and a little before it diſappeared, ſhort; but after it had been ſeen above 40 Days, the Length of it was above 50 Degrees; its Duration was the Space of 80 Days At firſt it could be ſeen only in the Morning, at laſt only in the Evening; in the Middle of its Duration it might be ſeen all the Night long: Its Motion, (which was always retrograde) at its Beginning and Ending, was ſlow, but in the Midſt of its Circuit was ſwift, even ſo as to diſpatch 20 Degrees in one natural Day; it paſſed from *Virgo* thro' *Bootes*, the *Dragon*, *Urſa Minor*, the *Feet of Cepheus*, *Breaſt of Caſſiopeia*, *Andromeda*, *Piſces*, *Serpentarius*, until it came to the *Whale*, where, by Reaſon of *Occaſus Heliacus*, it diſappeared. The Blaze did continually point at the *Gemini*: In the ſame Night, preſently after Sun-ſet, it would point to the Eaſt, near Midnight to the South, after Midnight to the Weſt, a little before Sun-riſe to the North. As for the Events; there followed a very great Drought, of three Years Continnance; ſo that in *Hungary* the great River *Danau*, which is the greateſt River in *Europe*, might be waded over; ſuch horrible Winds

in

in *Germany* as blew down many Houſes; a terrible Plague in which many deſerted from their Relations, that ſo they might eſcape with their own Lives. The cruel Wars of the Duke of *Burgundy*, which continued until his Death; alſo Wars between the *Hungarians* and *Polanders*; and in the Eaſt between the *Perſians* and the *Turks*; this Year the K. of *England*, *Henry* VI. was murdered by the bloody Hands of the Duke of *Glouceſter*.

Anno 1477, a cærulean dark coloured Comet was ſeen, as *Eckſtormius* and *Alſtedius* relate: And *Mizaldus* ſays, the Emp. *Charles* V. uſed to ſay, *that* blazing Star was portenteous of his Grandfather's Death, who fell among others that were ſlain in the Battle fought before *Nantz* that Year: It was a fatal Year to many other Princes. A direful Plague followed; and ſuch Heat and Drought, that great Rivers were dried up, and not only Fruit-trees were deſtroyed, but whole Foreſts were ſet on Fire by the ſcorching Heat of the Sun.

Anno 1491, a Comet appeared in the Evening, a little after Sun-ſet; the Star ſmall, but the Stream long, extending itſelf Eaſtward in direct Oppoſition to the Body of the Sun: Immediately after which the *Turks* overcame *Dalmatia* and *Sclavonia*. There was alſo a great Mortality both amongſt Men and Cattle. The Pope and the King of *Poland* died that Year. The King of *Portugal* was killed by a Fall from his Horſe. The next Year the new World, (as it uſed to be called) *viz.* that Part of the World which now bears the Name of *America*, was diſcovered by *Chriſtopher Columbus*.

Theſe are the Accounts of ſome of the Catalogue of Comets I have by me, and from hence I ſay it has been owned, either vocally or tacitly, by all that have wrote of Comets, and their Natures, that they are always followed and attended with remarkable Circumſtances in the World, as Scarcity, Wars, Peſtilences, Earthquakes, Inundations, *&c.* with Variety of other Miſchiefs which are prejudicial to Mankind; and theſe we may reaſonably judge to be produced by their malignant Influence. Beſides, if theſe Comets were made, (as in all Probability they were) at the ſame Time God made the reſt of the cœleſtial Family, it is moſt certain they were intended for ſomething more, than to amuſe Mankind with a bare Speculation of them once in five or ſix hundred Years, more or leſs. I would have been more copious in this Diſcourſe, if I had not thought

thought I had ſaid more already than will be kindly receiv-ed; but be it as it will, I hope it may be a Means to ex-cite ſome abler Pen to enquire into the Truth of this Doc-trine, and ſo communicate their Thoughts of it to the next Age, which may perhaps improve the aſtrological Part, as they have the mathematical: And ſo I deſcend to ſome other Particulars. You may remember I told you laſt Year, that a Gentleman, ſome Years ſince, preſented me with a large Volume of Hieroglyphics; I printed one of them in my laſt Year's Work, and ſhall yearly do ſo while I am able to write; That for this Year is the following:

Having ſaid thus much, give me Leave to tell you one of *Noſtradamus*'s Prophecies, which is fulfilling near theſe Times, you may find it in his ſixth Century, and 240th Page; it runs thus:

Par les Phyſiques le Grand Roy delaſſe
Part ſort hou Art de l'Ebrieu eſt en vie
Leu & ſon Genre an Regne hault pouſe
Grace donnee a Gent qui Chriſt *envie.*

In Engliſh.

The great King, being forſaken by Phyſicians,
Shall be kept alive by Magic, and not by the Art of a Jew.
He and his Kindred ſhall be ſet at the Top of the Kingdom,
Grace ſhall be given to a Nation that envieth Chriſt.

EXPLANATION.

This, in plain Words, ſignifieth no more, but that a King ſhall be deſparately ſick and forſaken by his Phyſicians, and ſhall recover by the Help of a *Jew*, for which Fact thoſe of that Nation ſhall be re-eſtabliſhed in his Country.

Of the WINTER Quarter.

WHICH takes its Beginning at ſuch Time as the glorious Lamp of Heaven, the Sun, touches the Firſt Scruple of *Capricorn*; which happens on the 21ſt Day of *December*, at 57 Minutes before Noon, 1773; at that Time 28 Degrees of *Aquarius* aſcends on the Eaſt, and 17 Degrees of *Sagitarius* on the Medium of *Cœli*; with *Saturn* in the 7th Houſe hath juſt paſſed the Square of the Sun, Lord of the 7th, and is in Square to *Mercury*, in the Medium *Cœli*. The Moon, that repreſents the common Sort of People, is applying to the Square of *Mars*, and, at the preventional New Moon, was in Square to *Saturn*; and, at the poſtventional Full Moon, is in Oppoſition to *Mars*: This ſhews miſerable Complaints among the Poor in general, both for Want of Money and Want of Trade. The Moon in *Aries* repreſents the Head, and *Cancer* on the 6th, the Breaſt, Stomach, and Cheſt, ſhew the People, during this Quarter, will be ſubject to Vertigoes, Apoplexies, and Dead Palſies, with Diſtempers of the Lungs, ſuch as Coughs, Aſthmas, Shortneſs of Breath, Spitting of Blood, and ſuch like, and many of theſe Diſorders are like to prove mortal, eſpecially when they fall upon Women in Child-

Child-bearing and Child-bed. But what I ſhall more particularly obſerve in this Quarter, is, that in *February* laſt 1773, was an Oppoſition of the two ſuperior Planets *Saturn* and *Jupiter*; which, as I obſerved, generally ſtir up Sedition, Tumults, and Diſcontents in the Minds of Men, Animoſities and Quarrels between different Parties, under one and the ſame Government; according to the Saying of *Origanus*, in eo Anno nulla quies cum *Saturnus* & *Jupiter* in Oppoſitione ſunt, nunquam enim Mentes Hominum quieſcunt; and of *Haly*, ſignificar Lites & Contentiones inter Homines, &c. And in my Almanacks for 1771, and 1772, I alſo obſerved, that this Aſpect of the Superiors does often produce malignant, peſtilential, and contagious Diſtempers; ſometimes great Inundations of Waters, and in other Parts, and at other Times, extreme droughty Seaſons: How far theſe Predictions have been verified, I leave to the Judgment of every impartial and obſerving Man.

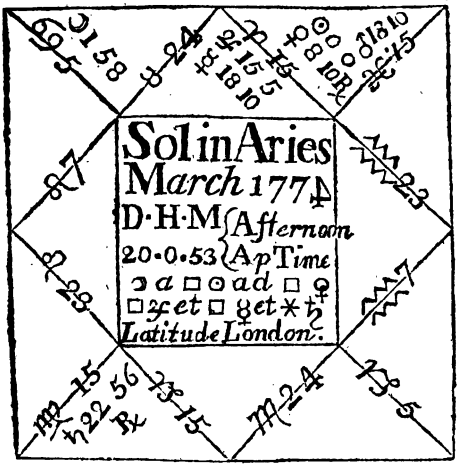
It is obſervable, that the Superiors have not been far diſtanced from this Aſpect for ſeveral Years paſt, in which what unaccountable Things have been tranſacted, what inteſtine Feuds and Diviſions have attended this divided and almoſt diſtracted Nation, would fill a Volume to recount. There is one Thing more I have to obſerve; I wiſh that the Grandees in the *European* World had a better Underſtanding among themſelves, which might prevent Differences in ſome other Parts, and ſtill continue Peace and Plenty to *Great-Britain*: And ſo I conclude with theſe poetical Lines;

To all my Countrymen who are at Eaſe,
And reap the Effects of the now glorious Peace;
May it be laſting, honourable too,
To all that wiſh it, without more ado:
And may it be extended farther, where
Its really wanted, as 't doth now appear.
Let all ſophiſticating Heads take Care
They do not bring themſelves into a Snare;
Things would be far much better underſtood,
To ſtudy and promote each other's Good.
And would all Perſons truly loyal be,
Live from looſe Faction, and ill Cuſtoms free,
The Benefit to all we ſoon ſhould find,
And the World more eaſy prove to all Mankind.

Of

Of the SPRING Quarter.

THIS Quarter commences at ſuch Time as bright *Phœbus* mounts the firſt Scruple of the equinoctial Sign *Aries*, of the Earth, *Libra*, which happens this Year on the 20th Day of *March*, at 53 Min. paſt Noon, at which Time ſeven Degrees of ♌ aſcends the Horizon, and 15 Degrees of *Aries* on the Midium *Cæli*, at which Time the Heavens are poſited as in the following Scheme, and the moſt material Aſpects are, an Oppoſition of ☉ and ♄ from *Virgo* and *Piſces*, ♂ ♀ ☿ in the latter End of ♓ and ♐ of the two Infortunes from ♍ and ♓. Now if we follow the Rules of the antient Aſtrologers, the aſtronomical Rulers of this Quarter are *Jupiter* and *Sol*, and *Venus* and *Mars*, if ſo, and if we conſider them according to their preſent Poſition, we have great Reaſon to believe, that the Summer half Year will prove delightful, fruitful, and peaceful to all thoſe Places that thoſe Signs repreſent,



that theſe Planets are poſited in, as *England*, *France*, Part of the *Low Countries*, *Moſcovia*, *Sweedland*, &c. Theſe, and the reſt, ſeem to import no other as to us of *Great Britain*, but that our Governors and People ſhall be wholly at Eaſe, *viz.* our Illuſtrious and Gracious King GEORGE, Lords, Commons, Clergy and People; the Northern Crowns made peaceful and eaſy; though I expect the Oppoſition

position of the Infortunes commonly gives some Discontent and grumbling among the common People of this Kingdom, as well as elsewhere. Nay, there are some above these are still disgusted and out of Order, not so much in State, as Church Affairs; but considering the Conjunction of the *Sun* and *Venus* in our own Horoscope, plainly foretel the Differences of this Nature are but of a short standing. Thus we see the Actions of the Beginning, or of the first half of the Year, according to the Production of natural Causes, are likely to be favourable and of an encouraging Nature, and promises Plenty of all earthly Blessings still to continue amongst us. These are the Things that seem to be the natural Signification of the heavenly Bodies at this Time; then most unquestionably it is incumbent upon all of us, to return unto the Lord our God, continual Sacrifices of Prayer and Thanksgiving for all his Mercies and loving Kindnesses: This would, doubtless, be a great Means to remove our Evils, and continue those rich Blessings we now enjoy.

See what a glorious and successful Spring,
Which doth by Peace and Plenty Profit bring,
Though the Minds of Men so various seem to be,
They cant expect these Things with Certainty;
But such whose Principles are just and right,
Are sure to enjoy these Blessings Day and Night.

DECLINA A MALO, ET IN BONO TE EXERCE.

Of the SUMMER Quarter.

THE Summer Quarter is always said to begin, when this our earthly Globe inclining Southward 23 Degrees 29 Min. towards the Sun, will volve and remove us her Northern Inhabitants to the greatest Portion of Day; or when the Sun (according to Appearance) enters the first Scruple of ♋, which, either Way taken, falleth this Year on *Monday, June* the 21st, at 50 Min. before Noon, at which Time 19 Deg. of *Gemini* are on the Mid-heaven, and 22 Deg. ♍ ascend the eastern Horizon. The mutual Aspects are chiefly these, ☌ ♃ ☿, ☌ ♃ ♀, ✱ ♄ ☿, and these are no Way contradictory to the Spring Quarter, but seem to confirm and establish all the Happiness there promised; and Persons of Worth and Honour, both in Church and State, meet with suitable Preferments in due Time; our Merchants and Tradesmen coming into a more thriving Condition, as well as our Farmers and Graziers.

Now

Now what obſtructs our Happineſs on Earth,
Or ſhould retard or hinder civil Mirth?
Give God *the Praiſe, for that I here intend,*
And each one ſtudy how their Lives to mend:
Then with all Chearfulneſs their Days well ſpent,
Such Mirth as this none ever need repent.

SEDITIOSI REI PUBLICÆ RUINA.

Of the AUTUMNAL Quarter.

WHICH begins at ſuch Time as the Sun enters the Equinoctial Sign ♎, or more really when the Earth enters ♈, hath volved herſelf at right Angles to the Sun, and receives a like Portion of Light and Darkneſs; which, either Way taken, happens this Year on *Friday* the 22d of *September*, 38 Min. paſt Midnight, at which Time nine Deg. of ♈ is on the Medium *Cæli*, and three Degrees of ♌ aſcends the Eaſt Angle. The Aſpects near the Ingreſs are △ ☉ ♄, ☌ ☉ ♄, ✶ ☉ ♂, ✶ ♄ ♂, ☌ ♄ ♅, and ☌ ☉ ♅, they are ſome of friendly Nature, and others are not ſo: But as my Book is at an End, I muſt leave to Time to diſcover the Events.

Why liſt we not our Minds above this Duſt,
Have we not perceived that God is juſt. FINIS.

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BEING AN

ALMANACK

For the Year of our Redemption,

1 7 7 4.

Being the firſt after *Biſſextile*, or *Leap Year*;

And from the Creation of the World, according to the beſt Hiſtory, 5722,

And the 86th of our Deliverance by *K. William* from Popery, and Arbitrary Government;

But the 79th from the

Horrid, Popiſh, High-Church, Jacobite Plot.

Wherein is contained all Things fitting and uſeful for ſuch a Work, as an Ephemeris of the daily Motions of the Planets, with their various Configurations, Aſpects, Conjunctions, Lunations, Eclipſes, Aſtronomical, Aſtrological, Meteorological Obſervations, the Riſing and Setting of the Sun, Moon, Planets, and fixed Stars, illuſtrated with Tables of the Tides, Terms, and daily Equation of Clocks, Length and Break, Increaſe and Decreaſe of Days, Semidiurnal and Seminocturnal Arches for ſeveral Latitudes, a Chronology, Remarks on the Diviſions of the Heavens, with Judgments of the Eclipſes, with many other Things relating to the Truth of Aſtrology.

Calculated for the Meridian of *London*,

Whoſe { Longitude / Latitude } is { 24 / 51 } Degrees { 20 / 32 } Minutes.

By JOHN PARTRIDGE.

Etiam Mercurius loquitur.

LONDON: Printed by *M. HARRISON*, for the Company of STATIONERS.

[Price Stitched Nine Pence.]

A CONTINUATION FROM MY LAST.

MY Buſineſs this year ſhall be to treat of ſomething of the nature and power of the ſtars, in an humble and juſt vindication of Aſtrology: an argument that will afford, I hope, ſatisfaction to many, and need hurt none; but for me to pleaſe all, that is impoſſible. The beſt book in the world was never yet ſo happy, no not even the Bible itſelf; ſince we find by experience, that not only Heretick, and Schiſmaticks, but even alſo Atheiſts do moſt conſtantly ſwarm amongſt us. To begin, therefore,

1. That inferiors are influenced by ſuperiors, none are ſo ſceptical to deny; that the ſtars and planets are ſuperior to all terrene beings, all muſt acknowledge; that theſe ſtellary bodies are in a conſtant flux and motion, and alſo have different, nay contrary motions to each other, ſome direct, others retrograde, ſome ſwift, ſome ſlow, which diverſity of moving among the ſeven erraticals, from thoſe of the fixed ſtars (called ſo by reaſon of their ſlow and certain motion) ſeems to denote a ſpecial intention of Providence in the various government of us mortals; for there is no other reaſon to be rendered of the planetary movements, or of their wandrings backward and forward, ſwifter and ſlower; ſometimes in one ſign of the Zodiac, other times in in another; now near the Equinox, ſoon after in Tropics; one while meridional, another oriental, occidental, or ſeptentrional; ſometimes in conjunction, other times in ſextile, quadrate, trine, or oppoſition to each other: I ſay, there can ſcarce be given any other reaſon of theſe their ſeveral effects and differences, but for their influencing us differently, who are the inhabitants of this inferior globe of earth; for God never made any thing inſignificant, vain, or to no purpoſe.

2. If the order or irregularity of bodies below were not properly referred, or aſſimilated, to the beforeſaid motions and diſpoſitions of the planets and ſtars above us, they would ſeem to ſtand in need of a natural cauſe for their production; for God, in this ſub-lunar world, may moſt juſtly be ſuppoſed to influence all things by the

the ſtars, as natural cauſes, &c. And how ſhall we come to underſtand thoſe cauſes, but by obſervation and experience?

If the ſolum and cœlum doth both agree to make up Homer's golden chain, it is very obvious that the Sympathies and antipathies of the planets and ſtars above, with perſons and things below, do certainly produce the true ſorites of Nature that hold together (by links as it were) all mundane beings. And we, by aſſiduous experience, find thoſe Perſons who are born when the ſtars are regular and peaceable, to be naturally of peaceable and regular natures; and on the contrary, people of unquiet and reſtleſs diſpoſitions, are brought forth when the planets are in quadrate oppoſition, or at other enmity or difference among themſelves.

It is apparent to us, that the ſtars are of a great altitude, very powerful, excellent, and pure; and may, therefore, moſt reaſonably be ſuppoſed to influence, alter, preſerve, encreaſe, and deſtroy, all thoſe leſſer, groſſer, and terene compoſitions: for every agent muſt be owned more noble, illuſtrious, and powerful than the patient: and all philoſophers allow the air to be the mediate cauſe of all things. It is only from experience that we come to know that Mars heats, Saturn chills, Jupiter preſerves, Venus makes merry, Mercury witty, the Moon mutable, and the like. And it is injuſtice in the higheſt degree for us to ſhut our eyes againſt manifeſt truths.

3. Should this be doubted by any of the ſons of Minerva, which I conceive ſcarcely will, I would fain be ſatisfied why there may not be as well qualifications of excellency and peculiarity in the two luminaries, and the five erratick ſtars of the μακροκοσμος or greater world, as is known (from anatomy) to be in the ſeven principal parts of man, who is μακρόκοσμος, or leſſer world, viz. the heart, liver, brain, ſpleen, gall, lungs, and kidnies; and then if God has planted ſuch peculiar qualities, originally in thoſe ſeveral parts and bowels, ſufficient to operate upon the reſt of the human parts of the human body inferior to them—*Of this more in my next.*

A Table shewing what Sign the Moon is in (and the Part of the Body it governs) for every other Day in this present Year of our Lord 1774, being of excellent Use for the Direction of any Person that deals in Cattle, &c. It being so plain and easy, that it requires no more Explanation, and it's Use is exhibited by inspection.

D.	*Jan.*	D.	*Febr.*	D.	*March*	D.	*April*	D.	*May*	D.	*June*
1	back	2	reins	1	loins	2	thighs	2	legs	1	feet
3	reins	4	secrets	3	memb	4	knees	4	feet	3	head
5	secrets	6	hips	5	thighs	6	ancles	6	toes	5	neck
7	hips	8	hams	7	knees	8	toes	8	face	7	throat
9	hams	10	ancles	9	legs	10	face	10	throat	9	should
11	knees	12	toes	11	feet	12	neck	12	should	11	stom.
13	ancles	14	face	13	head	14	arms	14	breast	13	heart
15	feet	16	neck	15	neck	16	should	16	stom.	15	bowel
17	head	18	throat	17	should	18	stom.	18	back	17	belly
19	face	20	should	19	stom.	20	back	20	belly	19	loins
21	throat	22	stom.	21	heart	22	bowel	22	loins	21	memb
23	should	24	back	23	bowel	24	reins	24	memb	23	thighs
25	breast	26	bowel	25	belly	26	secrets	26	thighs	25	knees
27	heart	28	reins	27	reins	28	hips	28	knees	27	ancles
29	back			29	loins	30	hams	30	ancles	29	toes
31	belly			31	memb						

D.	*July*	D.	*Aug.*	D.	*Sept.*	D.	*Octob.*	D.	*Nov.*	D.	*Dec.*
2	neck	2	arms	1	stom.	2	bowel	2	loins	2	memb
4	throat	4	breast	3	heart	4	reins	4	memb	4	thighs
6	should	6	heart	5	bowel	6	loins	6	thighs	6	knees
8	stom.	8	back	7	reins	8	secrets	8	knees	8	ancles
10	back	10	belly	9	memb	10	thighs	10	ancles	10	toes
12	belly	12	loins	11	thighs	12	knees	12	toes	12	face
14	loins	14	secrets	13	knees	14	ancles	14	head	14	throat
16	secrets	16	thighs	15	ancles	16	feet	16	throat	16	arms
18	hips	18	hams	17	toes	18	head	18	arms	18	breast
20	thighs	20	legs	19	face	20	neck	20	should	20	stom.
22	knees	22	feet	21	neck	22	arms	22	stom.	22	back
24	ancles	24	head	23	throat	24	should	24	heart	24	belly
26	toes	26	neck	25	arms	26	stom.	26	bowel	26	reins
28	face	28	throat	27	breast	28	back	28	belly	28	secrets
30	neck	30	should	29	stom.	30	bowel	30	loins	30	hips

A Table of Terms and Returns, for the Year of our Lord 1774.

Hilary Term begins *Jan.* 24, ends *Feb.* 12.

Returns or Bibign Days.		Exc.	Ret.	App.	W. D.
In eight Days of St. *Hilary*,	*Jan.* 20	21	22	24	*Monday*
From the Morrow of St. *Hilary* in 15 Days,	27	28	29	31	*Monday*
On the Morrow of Purif. of bl. V. *Mary*,	*Feb.* 3	4	5	7	*Monday*
In eight Days of the Purif. of bl. V. *Mary*,	9	10	11	12	*Saturd.*

Easter Term begins *April* 20, ends *May* 16.

From the Day of *Easter* in 15 Days,	*April* 17	18	19	20	*Wednes.*
From the Day of *Easter* in 3 Weeks,	24	25	26	27	*Wednes.*
From the Day of *Easter* in 1 Month,	*May* 1	2	3	4	*Wednes.*
From the Day of *Easter* in 5 Weeks,	8	9	10	11	*Wednes.*
On the Morrow of the *Aſcenſion*,	13	14	15	16	*Monday*

Trinity Term begins *June* 3, ends *June* 22.

On the Morrow of the holy *Trinity*,	*May* 30	31	*June* 1	3	*Friday*
In eight Days of the holy *Trinity*,	*June* 5	6	7	8	*Wednes.*
From the Day of the holy *Trinity* in 15 Days,	12	13	14	15	*Wednes.*
From the Day of the holy *Trinity* in 3 Weeks,	19	20	21	22	*Wednes.*

Michaelmas Term begins *Nov.* 7, ends *Nov.* 28.

On the Morrow of *All Souls*,	*Nov.* 3	4	5	7	*Monday*
On the Morrow of St. *Martin*,	12	13	14	15	*Tueſday*
In eight Days of St. *Martin*,	18	19	20	21	*Monday*
From the Day of St. *Martin*, in fifteen Days	25	26	27	28	*Monday*

N. B. No Sittings in *Weſtminſter-Hall* on *Aſcenſion*-Day, *Midſummer*-Day, and the 2d of *February*.

The *Exchequer* opens eight Days before any Term begins, except *Trinity*, before which it opens but four Days.

Note, That the firſt and laſt Days of every Term are the firſt and laſt Days of Appearance.

The Law's a Thing divine, made to repel
The ſinful Luſts of ſuch as do rebel
Againſt right Reaſon, Juſtice, Faith, their Prince;
And for the injur'd Man a good Defence.
It's Uſe is to correct, and keep in Fear
Such as don't value what they act or ſwear.

January hath XXXI Days.

M D	♄ ♑	♃ ♈
1	26	2
6	R	3
11	26	3
16	26	4
21	26	5
26	26	5

I ſhall, to aſſiſt the Memory of Learners, inſert the
firſt Rudiments of Aſtrology in memorial Verſes.
Aſtrology's a Science that directs
To find the Heaven's Meaning and Effects,
The Planets always do their Ranges take
In ſome of the Twelve Signs of the Zodiac.

M D	W D	Sundays and Remark. Days.	☉ ♒ D	M	☽ ♎ D	M	♂ ♒	♀ ♐	☿ ♐	Aſpects and Weather.
1	S	Circumciſion	11	15	20	11	16	28	21	*The new year*
2	B	2 S. aft. Chriſt.	12	17	2	♍52	17	29	21	*begins with*
3	M	Oct. St. John	13	18	15	46	18	♓	22	*more mild and*
4	T	Teleſphon	14	19	28	55	19	1	22	*temperate air*
5	W	Old Chriſt. day	15	20	12	♎20	19	2	23	*than is uſual*
6	T	Epiphany.	16	21	26	6	20	3	23	*at this time,*
7	F	Julianus	17	22	10	♏13	21	4	24	*but cold ſharp*
8	S	Lucian P. & M.	18	24	24	40	22	5	24	*winds with*
9	B	1 S. aft. Epiph.	19	25	9	♐24	23	6	25	*ſnow or ſleet*
10	M	Plough Monday	20	26	24	22	23	8	26	□ ♄ ☿
11	T	Capella South	21	27	9	♑22	24	9	27	*may be expect-*
12	W	O.N.Year'sDay	22	28	24	16	25	10	28	*ed now and for*
13	T	Hilary	23	29	8	♒55	26	11	29	*ſeveral days to-*
14	F	Ox. Ter. begins.	24	30	23	10	26	12	♓	△ ♄ ♂
15	S		25	31	8	♓57	27	13	2	△ ☉ ♄
16	B	2 S. aft. Epiph.	26	33	20	16	28	14	3	*gether. Winds*
17	M	AldeberanSouth	27	34	8	♈10	28	15	4	□ ♃ ☿
18	T	Q.Ch.birthd.kt	28	35	15	42	29	16	5	*and more open*
19	W	40 min. paſt 8.	29	36	27	57	♒	16	7	*but unſettledair*
20	T	Fabian B. & M.	♒	37	10	♉ c	1	17	8	*and changeable*
21	F	St. Agnes Virg.	1	38	21	54	2	18	9	☌ ☉ ♂
22	S	St. Vincent	2	39	3	♊47	3	19	11	Ca. Ter. beg
23	B	3 S. aft. Epiph.	3	40	15	40	3	20	12	✱ ☉ ♃
24	M	Timotheus	4	41	27	37	4	21	13	✱ ♃ ♂
25	T	St. Paul's conv.	5	42	9	♋43	5	22	15	*weather, but*
26	W	Policarpus	6	43	21	55	5	22	16	*towards the*
27	T	Pr. Aug. Fred. b.	7	44	4	♌20	6	23	17	*end we expect*
28	F	Carolus mag.	8	45	16	55	7	24	19	*windy and*
29	S	Theodore	9	46	29	43	7	25	20	*winterly wea-*
30	B	Septuag. Sund.	10	47	12	♍43	8	26	22	K.Ch. I. Mar.
31	M	Saturnus	11	47	25	53	9	27	24	*ther.*

Partridge. January, 1774.

Last Quarter 5th Day at 6 Night.
New Moon 12th Day at 9 Morning.
First Quarter 19th Day at 4 Afternoon.
Full Moon 27th Day at 7 Night.
1st Day ♄ S. at 16. 57. ♂ at 0. 22. ☿ at 10. 32.
16th Day ♄ S. 15. 52. ♂ at 0. 7. ☿ at 10. 20.

M D	Jupiter South		Venus South	
1	5	18	3	14
6	4	51	3	12
11	4	40	3	9
16	4	21	3	5
21	4	2	3	0
26	3	47	2	57

M D	Lunar Aspects ☉	♄	♃	♂	♀	☿	Clock too fast	Moon South	☽ rises & sets
1					8	24	5 34	2 18	8A 1
2	△				16		5 44	3 3	9 5
3	20	☌		△		□	5 54	3 51	10 15
4		19	8	4		12	6 0	4 39	11 26
5	□		6	□		*	6 15	5 27	Morn.
6	6			12	△	19	6 35	6 17	0 39
7	*			*	12		6 52	7 10	1 53
8	12	*	△	19	□		7 22	8 3	3 9
9		3	14		19		7 47	9 0	4 22
10		□	□			☌	8 12	9 59	5 23
11	☌	4	18		*	4	8 36	11 2	6 25
12	21	△	*	☌	0		8 59	0A 4	☽ sets
13		4	18	2			9 22	1 2	5A 58
14						*	9 45	1 56	7 12
15					☌	14	10 5	2 47	8 24
16	*	8		*	10		10 25	3 35	9 35
17	11	13	☌	16		□	10 45	4 21	10 43
18			4			2	11 4	5 7	11 48
19	□			□		△	11 23	5 57	Morn.
20	4			4	*	20	11 41	6 37	0 53
21	△	△		△	14		11 58	7 20	1 52
22	22	8	*	23			12 14	8 6	2 52
23		□	3		□		12 29	8 52	3 49
24		21	□		8		12 43	9 40	4 44
25			16			8	12 57	10 28	5 32
26		*			△	10	13 10	11 16	6 15
27	8	8	△	8	0		13 23	Morn.	☽ rises
28	7		4	3			13 35	0 5	5A 40
29							13 45	0 53	6 47
30		☌				△	13 56	1 40	7 57
31		23	8		8	21	14 4	2 29	9 8

Observations.

By the blessing of God we are arrived to another new year, which we hope may begin happily. If ever serious councils and consultations appeared in Europe now is the time, and we may be confident that great things are now in agitation; Jupiter is now entered into Aries, the ascendent of England, thro' which sign he makes a very sudden passage, which is the more remarkable, and in a natural way portends as sudden and quick actions, also prosperity and grandeur to the English nation in general

February hath XXVIII. Days.

M D	♄ ♍	24 ♈
1	26	7
6	25	8
11	25	9
16	25	10
21	24	11
26	24	12

And now the Planets we'll once more survey,
And their first Qualities briefly display;
Saturn's extremely cold and meanly dry,
Jove kindly heats and moistens all the Sky,
Mars is Brandy, which doth Nature spoil,
By roasting that which should but gently boil.

M D	W D	Sundays and Remark. Days	☉ D	☉ ♒ M	☽ D	☽ ♏ M	☿ ♒	♀ ♓	♂ ♑	Aspects and Weather.
1	T	Ignatius	12	48	9	18	10	28	25	*Windy and ob-*
2	W	Purif.B.V.Mary	13	49	22	55	11	29	27	*scure air with*
3	T	Blasius Bishop	14	50	6	♎ 42	12	♈ 29		✱ ☌ ☌
4	F	Veronica	15	51	20	43	13	1	♒	*plenty of down-*
5	S	St. Agathe	16	51	4	♐ 58	13	1	2	*fall of rain or*
6	☽	Sexagel. Sun.	17	52	19	20	14	2	3	*snow, winds*
7	M	Procyon south	18	53	3	♑ 51	15	2	5	*with frosty and*
8	T	28 min. past 10	19	54	18	22	16	3	7	*serene air.*
9	W	at Night.	20	54	2	♒ 51	17	3	8	✱ ♃ ☌
10	T	St. Scolastiq.	21	55	17	8	18	4	10	*Snow or rain*
11	F	St. Severin	22	55	1	♓ 8	18	4	11	*at or about the*
12	S	Term ends	23	56	14	47	19	5	12	*new moon,*
13	☽	Quinquages. S.	24	57	28	4	20	6	14	*winds with*
14	M	Valentine	25	57	10	♈ 59	20	6	16	*frosty mornings*
15	T	Shrove Tuesday	26	58	23	33	21	7	18	*hail and vari-*
16	W	Ash Wednesday	27	59	5	♉ 52	22	7	20	*ety of weather*
17	T	Twil. 1 h. 58′	28	59	17	56	23	8	21	*may be now ex*
18	F	St. Simeon	29	59	29	52	24	8	23	☍ ☌ ☌
19	S	Sabiena	♓ 0	59	♊ 11	36	24	9	25	*pected.*
20	☽	1 Sun. in Lent.	1	59	23	40	25	9	26	*Serene and frost-*
21	M	St. Severian	3	0	5	♋ 40	26	9	28	*ty air for some*
22	T	Cathedra Petri	4	0	17	47	27	10	♓	*days, cold dark*
23	W	Ember Week	5	1	0	♌ 8	27	10	2	*air with wind*
24	T	St. Matthias	6	1	12	43	28	10	4	*to the month's*
25	F	Victoria	7	1	25	53	29	11	6	☍ ☉ ☌
26	S	Milgitha	8	1	8	♍ 40	♓	11	7	*end.*
27	☽	2d Sund. in Lent	9	1	22	3	1	11	9	
28	M	St. Honorine	10	2	5	♎ 40	2	11	11	

Partridge. February, 1774.

Last Quarter 4th Day at 3 Morning.
New Moon 10th Day at 9 Night.
First Quarter 18th Day near Noon.
Full Moon 26th Day at 11 Forenoon.
1st Day ♄ S. at 4.44. ♂ at 23.51. ☿ at 10.49
16 Day ♄ S. at 13.41. ♂ at 23.40 ☿ at 11.30

M D	Jupiter South		Venus South	
1	3	25	2	47
6	3	8	2	38
11	2	52	2	29
16	2	37	2	19
21	2	21	2	7
26	2	7	1	58

M D	Lunar Aspects. ☉	♄	♃	♂	♀	☿	Clock too fast	Moon South	D rise & sets.
1	△		20	△	4		14 11	3 17	10 A 20
2	7			2		□	14 18	4 6	11 24
3	□			□		8	14 24	4 57	Morn.
4	15	*		9	△	*	14 29	5 50	0 48
5	*	9	△	*	18	18	14 34	6 45	2 0
6	21	□	6	14	□		14 38	7 42	3 11
7		10	□		20		14 42	8 41	4 18
8		△	8				14 44	9 40	5 12
9		12	*		*	6	14 45	10 38	6 0
10	6		8	6	0	7	14 46	11 23	D sets
11	9			1			14 45	0 A 31	5 A 55
12		8					14 45	1 20	6 59
13		18	6		6		14 43	2 9	8 17
14			22	*	14	*	14 40	2 55	9 28
15	*			20		9	14 38	3 41	10 33
16	7						14 36	4 27	11 36
17		△		□		□	14 30	5 13	Morn.
18	□	14	*	10	*	6	14 22	5 58	0 38
19	0		21		20		14 10	6 45	1 34
20	△	□		△		△	13 59	7 32	2 28
21	19	2	□	4	□	4	13 49	8 20	3 25
22		*	10		9		13 39	9 9	4 9
23		14	△		△		13 29	9 57	4 9
24			22		19		13 20	10 46	4 50
25	8			8		8	13 9	11 35	5 49
26	23			7		21	13 0	Morn.	D rise
27		6					12 53	0 24	6 58
28		4	8		8		12 48	1 14	8 9

Observations.

The configurations of this month are for the most part favourable. God grant there may be a speedy reconciliation of all internal differences and divisions, and deliver us from the malice of such domestic caterpillars that make it their business to foment them.

Multorum manibus grande revatur onus

The heavens seems to intimate very eminent consultations now depending, very deliberate councils are now on foot. God Almighty direct their endeavours therein.

April hath XXX Days.

	☽	♑	♈
The Sun's a Fountain both of Life and Heat,	1	21	20
Yet do his Beams but moderately dry;	6	21	21
Venus is warm, her moist'ning Virtue great,	11	21	22
And like his Consort's still is Mercury.	16	20	23
The Moon doth gently heat, but her chief Power	21	20	24
Consists in Moisture, Witness many a Shower.	26	20	25

M D	W D	Sundays and Remark. Days.	☉ D	♈ M	☽ D	♄ M	♂ ♓	♀ ♓	☿ ♈	Aspects and Weather.
1	F	Good Friday	11	49	12	24	27	28	27	☌ ☍ ☌
2	S	Amphion	12	48	26	47	27	28	R	This month be-
3	B	Easter Day	13	47	11♑	0	28	27	27	gins with fre-
4	M	Easter Monday	14	46	25	2	28	26	27	quent showers
5	T	Easter Tuesday	15	45	8♒	49	29	26	26	Old Lady-day
6	W	Christus	16	44	22	25	♈	25	26	of rain and
7	T	Daneb south	17	43	5♓	49	1	25	25	brisk gales of
8	F	near 11 at night	18	41	22	0	2	25	25	wind, after-
9	S	Spica Virginis	19	40	1♈	52	3	25	24	wards warm
10	B	Low Sunday	20	39	14	38	4	25	23	and pleasant.
11	M	South midnight	21	38	27	10	4	25	23	☌ ☉ ♃
12	T	Julius	22	37	9♉	35	5	25	22	☌ ☉ ☿
13	W	Cam. & Ox. T. b.	23	35	21	42	6	D	21	☌ ♃ ☿
14	T	Cyrillus	24	34	3♊	44	6	25	20	Winds with
15	F	Olympia	25	32	15	39	7	25	20	showers about
16	S	Ameelius	26	31	27	32	8	25	19	the new moon.
17	B	2 S. after Easter	27	30	9♋	25	9	25	18	Winds and sea-
18	M	Elutheria	28	28	21	21	10	25	18	sonable weath.
19	T	Alphage	29	27	3♌	27	11	25	17	continues for
20	W	Term begins	☉	♉ 25	15	46	11	26	17	several days.
21	T	Timon	1	23	28	33	12	26	16	Some misty
22	F	Solerius	2	22	11♍	22	13	26	16	mornings with
23	S	St. George	3	20	24	47	13	27	16	serene clear days
24	B	3 S. after Easter	4	18	8♎	48	14	27	16	winds and per-
25	M	St. Mark Ev.	5	17	22	55	15	28	16	haps warm
26	T	St. Anaclet	6	15	7♏	35	16	28	D	☌ ☍ ☿
27	W	Walburga	7	13	22	29	17	29	16	weather is now
28	T	Vitalis	8	11	7♐	29	18	29	16	expected, and
29	F	Carolus D.	9	10	22	24	18	♈	16	at the end some
30	S	Jacobus	10	8	7♑	7	19	0	16	showers of rain.

Partridge. April, 1774.

Last Quarter 3d Day at 5 Evening.
New Moon 10th Day at Midnight.
First Quarter 19th Day at 3 Morning.
Full Moon 26th Day at 10 Forenoon.
1st Day ☽ S. at 10. 47. ☌ at 23. 5. ☿ at 0. 50.
16 Day ☽ S at 9. 48. ☌ at 22. 53. ☿ at 11. 30.

M D	Jupiter South		Venus South	
1	0	31	10	5
6	0	17	10	3
11	0	2	10	2
16	23	47	9	5
21	23	33	9	4
26	23	19	9	3

M D	Lunar Aspects. ☉	☽	♄	♅	♂	♀	♃	Clock too fast	Moon South	☽ rise & sets.
1	23	□	△			○		3 55	3 42	Morn.
2		15	14	□	□	△		3 41	4 39	0 19
3	□	△	□	1	2	○		3 22	5 40	1 12
4	5	17	15	*	*	□		3 5	6 36	2 5
5	*		*	7	2	4		2 47	7 32	2 48
6	12		20			*		2 30	8 25	3 25
7						7		2 13	9 16	4 26
8		8			6			1 54	10 5	4 51
9		4		6	12			1 37	10 52	5 17
10	6		6	2		6		1 20	11 38	☽ sets
11	12		13			16		1 1	0 A 26	8 A 25
12		△						0 47	1 12	9 27
13		21			*			9 31	1 58	10 27
14				*	4			0 15	2 45	11 22
15	*	□	*	4	□	*		slow 1	3 32	Morn.
16	22	8	14		20	10		0 16	4 20	0 12
17		*		□		□		0 33	5 7	0 56
18	□	22	□	0	△	16		0 43	5 54	1 34
19	15		4	△	8			0 57	6 42	2 10
20			△	16		△		1 10	7 30	2 41
21	△		16			2		1 23	8 18	3 9
22	6	6						1 36	9 7	3 39
23		13			8			1 41	9 57	4 3
24				8	8	8		2 1	10 48	4 32
25	8		8	9		12		2 12	11 42	☽ rise
26	22	*	4					2 22	Morn.	8 49
27		19			△			2 32	0 38	10 3
28		□		△	12	△		2 41	1 36	11 12
29		20	△	18	□	15		2 51	2 35	11 52
30	△	4	7	□	12	□		3 0	3 36	Morn.

Observations.

Many are the configurations of this month. It is where in with a conjunction of ♂ and ♀ now the people are in expectation of some pleasing act from their superiors if a contradiction be not put thereunto for a time by the prevalent arguments of some potent persons. I would be understood honestly and fairly, for I know no person can express himself so exactly, but a censorious critic may find matter enough to work upon. Now let the Grand Signior look about him for the arrows of Heaven are likely to be directly darted against him. News arrives from the Eastern parts.

May hath XXXI Days.

Aſtrologers begin their Day at Noon,
And thence their Hours to Twenty-four run on.
Thus Six i'th Morning on the Fifth of May,
Is the Eighteenth Hour of the Fourth they ſay.
An Ephemerides you then muſt mind
If Planet's Place or Aſpects you would find.

M D	☽ ♍	24 ♈
1	20	27
6	20	28
11	20	29
16	19	8
21	19	1
26	D	2

M	W	Sundays and remark. Days.	☉	♉	☽	♑	♂	♀	☿	Aſpects and Weather
D	D		D	M	D	M	♈	♈	♈	
1	B	4 Sun. aft. Eaſter	11	6	21	32	20	0	17	St. Ph. & Jam.
2	M	St. Athanaſius	12	4	5	♒36	20	1	18	*Briſk winds*
3	T	Inventio Crucis	13	2	19	20	21	1	18	*and agreeable*
4	W	Spica Virginis	14	0	2	♐45	22	2	19	*weather begins*
5	T	South 12 min.	14	58	15	48	23	2	20	*the month, and*
6	F	paſt 10 at night	15	56	28	40	24	3	20	*may continue*
7	S	Staniſlaus	16	54	11	♑20	24	4	21	*ſeveral days*
8	B	Rogation Sund.	17	52	23	45	25	4	22	*then follows a*
9	M	Herma	18	50	6	♉3	26	5	23	*dark and ob-*
10	T	Gordianus	19	48	18	12	27	6	24	△ ☉ ♄
11	W	Mamercius	20	46	0	♊15	28	6	25	*ſcure air pro-*
12	T	Old May-Day	21	43	12	12	29	7	26	Aſcenſion D.
13	F	Arcturus South	22	41	24	6	29	8	27	*ducing ſome*
14	S	12 Min. paſt 10	23	39	5	♋57	♉	9	28	☌ ♃ ☌
15	B	6 S. aft. Eaſter	24	37	17	49	0	10	♉	☌ ☌ ☿
16	M	Term ends.	25	35	29	45	1	10	1	☌ ♃ ☿
17	T	St. Honore	26	32	11	♌49	2	11	2	*ſhowers of rain*
18	W	Bernard. tranſla.	27	30	24	5	3	12	3	*and breezing*
19	T	Q. Char. born	28	28	6	♍37	3	13	5	*winds. Then*
20	F	Timotheus	29	25	19	31	4	14	6	*follows ſerene*
21	S	Helena	0	♊33	2	♎52	5	15	8	*pleaſant air.*
22	B	Whit. Sunday	1	21	16	42	6	16	9	Prs. Eliz. b.
23	M	Whit. Monday	2	18	1	♏53	6	17	11	*Foggy mornings*
24	T	Whit. Tueſday	3	16	16	47	7	18	13	*and clear days,*
25	W	Ember Week	4	13	0	♐54	8	19	14	*followed with*
26	T	St. Auguſtine	5	11	16	14	8	19	16	*thunder ſhower*
27	F	No real night	6	8	1	♑29	9	20	17	*near the full*
28	S	but all twilight	7	6	16	34	10	21	19	△ ♄ ☿
29	B	Trinity Sunday	8	3	1	♐15	10	22	21	K. C. II. reſt.
30	M	Lyra South	9	1	15	31	11	23	23	*moon. Rain*
31	T	Wigan	9	58	29	50	12	24	25	*here.*

Partridge, May 1774.

Last Quarter the 2d Day at Midnight.
New Moon the 10th Day at 3 in Aftern.
First Quarter 18th Day at 7 in Aftern.
Full Moon the 25th Day at 6 Afternoon.
1st Day ♄ s. at 8. 50. ♂ at 22. 39. ☿ 10 33.
16th Day ♄ s. at 7. 51 ♂ 22. 24. ☿ 10. 27.

M D	*Jupiter* South		*Venus* South	
1	23	0	9	28
6	22	49	9	18
11	22	34	9	12
16	22	19	9	9
21	22	3	9	6
26	21	48	9	4

M D	Lunar Aſpects. ☉	♄	♅	♂	♀	☿	Clock too ſlow	Moon South	Riſe & ſets	Obſervations.
1	6	22	□	22	✱	15	5 49	4 36	0 9	You muſt know
2	□		10		18	✱	5 45	5 33	0 56	that there are
3	12		✱	✱		22	5 40	6 27	1 36	ſome notable Aſ-
4	✱		14	4			5 36	7 20	2 9	pects of the Plan-
5	22	8					5 30	8 9	2 37	ets in this Month,
6		8			6		5 23	8 56	3 3	and, among the
7					8	6	5 16	9 41	3 27	reſt, we find a
8			6	6		21	5 9	10 26	3 51	Conjunction of
9			10	3			5 1	11 10	4 17	Jupiter and Mars
10	6	△					4 53	11 54	☽ſets	in the Beginning
11	3	4			✱		4 44	o A 45	8 A 24	of Taurus; from
12		□			12		4 35	1 31	9 19	hence we expect
13		18	✱	✱		✱	4 21	2 18	10 11	to hear of great
14			10	10	□	6	4 5	3 6	10 58	Tranſactions in
15	✱	✱	□	□	6		3 51	3 53	11 39	Foreign Parts,
16	14	2	23	23		□	3 45	4 40	Morn.	much Gallantry
17					△	2	3 36	5 27	0 14	in the Actions
18	□		△	△	o	△	3 26	6 13	0 45	The 19th of this
19	7		14	18		21	3 12	7 0	1 14	Month, 1744, was
20	△	6					2 54	7 47	1 38	born our gracious
21	19	o					2 49	8 36	2 5	Q. *Charlotte*, whom
22					8		2 24	9 27	2 33	God long preſerve
23			8	8	o	8	2 14	10 22	3 0	for the good of the
24		✱	o	7		16	1 53	11 19	3 33	Proteſtant Religi-
25	8	2					1 43	Morn.	☽riſes	on in *Great Britain*
26	6	□			△		1 30	0 18	8 44	in particular, &c.
27		6	△	△	6		1 10	1 20	9 58	and Adventures
28		△	o	10	□	△	0 53	2 23	10 52	of ſome eminent
29	△	4	□	□	8	5	0 36	3 24	11 36	Heroes beyond
30	12		o	16	✱	□	0 18	4 29	Morn.	the Seas.
31	□		✱	✱	13	17	0 0	5 16	0 11	

June hath XXX Days.

	M D	♄ ♍	♃ ♉
The Trigons of the Signs do represent	1	20	4
How they partake of every Element;	6	20	5
Thus Aries, Leo, Sagittary, be	11	20	6
All Signs of the Fiery Triplicity;	16	20	7
While heavy Taurus, Virgo, Capricorn,	21	20	8
Are down towards the Earthy Nature born.	26	20	9

M D	W D	Sundays and Remark. Days.	☉ D	♊ M	☽ D	♓ M	♂ ♉	♀ ♈	☿ ♉	Aspects and Weather.
1	W	Ox.&Cam.T.b.	10	55	12	43	13	25	27	*This Month*
2	T	Corpus Christi	11	53	25	44	13	26	29	*produces sea-*
3	F	Term begins	12	51	8 ♈	26	14	27	♊	*sonable Wea-*
4	S	K.Geo.III.born	13	48	20	52	15	28	3	*ther, at the Be*
5	B	1 Sund. aft. Tri.	14	45	3 ♉	8	15	29	5	Pr.Er.Aug.b
6	M	Fulgentius	15	42	15	14	16	♉	7	*ginning mode-*
7	T	Wolstan trans.	16	40	27	16	17	1	9	*rate Showers*
8	W	Medardus	17	37	9 ♊	12	18	2	11	*may be expect-*
9	T	Omphirius	18	35	21	6	19	3	13	*ed, now fair*
10	F	Prs. Amelia bo.	19	32	2 ♋	57	19	4	15	*and serene Air,*
11	S	St. Barnabas.	20	29	14	49	20	5	18	□ ☉ ♄ △ ♄
12	B	2 Sund. aft. Tri.	21	27	26	43	21	6	20	♂ ☌ ♃ ♀ *o-*
13	M	Atair So. at 15	22	24	8 ♌	41	22	7	22	☌ ☉ ☿ *ver-*
14	T	min. past 2 in	23	21	20	47	22	8	24	*cast and unset-*
15	W	the Morning.	24	18	3 ♍	5	23	9	26	*tled. Brisk*
16	T	Lyra So. at 10	25	16	15	35	24	10	28	*Winds & mo-*
17	F	St. Albine Mart.	26	13	28	26	25	11	♋	*derate Rains.*
18	S	min. past 1 Morn.	27	10	11 ♎	41	26	12	2	*Now settled*
19	B	3 Sund. aft. Tri.	28	7	25	23	26	13	5	*Weather with*
20	M	Gervasius	29	5	9 ♏	35	27	14	7	✱ ♃ ☿ *some*
21	T	Scorpion's heart	♋	2	24	14	28	15	9	*brisk Gales of*
22	W	Term ends	0	59	9 ♐	18	28	16	11	*Wind. Flying*
23	T	So. 10 Night.	1	56	24	37	29	17	13	*Clouds, and o-*
24	F	St. John Baptist	2	53	10 ♑	00	29	18	15	*vercast. Misty*
25	S	St. Agoard	3	51	25	13	♊	19	17	*Mornings and*
26	B	4 Sund. aft. Tri.	4	48	10 ♒	7	1	21	19	*hot Days. Per-*
27	M	Crescens	5	45	24	35	1	22	21	*haps Thunder*
28	T	Leo	6	42	8 ♓	33	2	23	23	✱ ♀ ☿ *in*
29	W	St. Peter	7	40	23	3	3	24	25	*some Places.*
30	T	Com. Pauli	8	37	5 ♈	6	3	25	27	*Gentle Show-*
										ers to the End.

Partridge, June 1774.

	M D	Jupiter South		Venus South	
Last Quarter the 1st Day at 9 Morning.	1	21	28	8	59
New Moon the 9th Day at 7 Morning.	6	21	11	8	58
First Quarter the 17th Day at 8 Morning.	11	20	55	8	56
Full Moon the 23d Day at Midnight.	16	20	38	8	55
Last Quarter the 30th Day at 7 Evening.	21	20	21	8	55
1st Day ♄ s. at 6. 46. ♂ 22. 4. ☿ 11. 2.	26	20	11	8	55

M D	Lunar Aspects ☉	♄	♃	♂	♀	☿	Clock too slow	Moon South	☽ rises & sets
1	21	8	8	23			2 38	6 6	0 M 42
2						*	2 32	6 54	1 6
3	*	13				8	2 25	7 40	1 31
4	10				☌		2 15	8 25	1 55
5			☌		12		2 5	9 10	2 19
6		△	4	☌			1 54	9 54	2 48
7		10		2			1 43	10 38	3 18
8	☌	□				☌	1 32	11 24	3 48
9	19	22				4	1 21	0 A 13	☽ sets
10			*		*		1 7	1 2	8 A 54
11			6	*	2		0 49	1 46	9 35
12		*	□	9	□		0 33	2 33	10 12
13		10	20		21		0 29	3 20	10 45
14	*			□		*	0 9	4 7	11 15
15	6		△	3	△	6	fast 4	4 54	11 40
16	□	☌	8	△	12	□	0 17	5 41	Morn.
17	20	10		17		22	0 29	6 27	0 6
18							0 42	7 14	0 31
19	△		8			△	0 55	8 4	0 57
20	6	*	22		8	20	1 8	8 57	1 25
21		17		8	8		1 21	9 54	1 59
22		□		7			1 33	10 55	2 39
23	8	18	△				1 46	11 56	3 28
24	12	△	22		△	8	2 0	Morn.	☽ rises
25		16	□	△	12	9	2 12	0 56	9 A 23
26			22	8	□		2 25	1 59	10 4
27	△			□	19		2 30	2 57	10 37
28	20	8	*	12			2 37	3 52	10 59
29		18	1	*	*	△	2 45	4 43	11 29
30	□			20	2	4	3 1	5 31	11 57

Observations.

Vivant Rex et Regina.

The 4th Day of this Month 1738, was born his present most gracious Royal Majesty King GEORGE III. whom God preserve and bless with Grace, Wisdom and Understanding, & grant that he may long preside over these Realms, to the Honour & Glory of God, and true Happiness of all his loyal Subjects, to which let all true Protestants & Subjects say *Amen*.

The 10th of this Month, 1711, was born the hopeful Princess *Amelia-Sophia*, 2d Daughter to his late Majesty King *George* the Second.

July hath XXXI Day.

M D	♄ ♍	♅ ♉
1	21	10
6	21	11
11	21	11
16	22	12
21	22	13
26	22	13

Twins, Libra, Aquary are airy Signs,
Water with Cancer, Scorpio Piſces joins.
Now if you a Figure of the Heavens would ſet,
For your Latitude a Table of Houſes get;
With an Ephemeris daily to ſhow
How all the Planets in their Order go.

M D	W D	Sundays and Remark. Days.	☉ D	♎ M	☽ D	♈ M	♂ ♊	♀ ♉	☿ ♌	Aſpects and Weather.
1	F	St. Martial	9	34	17	48	4	26	28	Cooling breez-
2	S	Viſit. B. V. Mary	10	31	0	♉ 12	5	27	29	ings ✶ ☉ ♅ of
3	B	5 Sund. aft. Tri.	11	29	12	22	6	28	♌	Wind, with
4	M		12	26	24	24	7	♍ 29	3	ſome Showers.
5	T	Cam. Commenc.	13	23	6	♊ 19	7	♊	4	Old Mid Day
6	W	Nicoſtratus	14	20	18	12	8	2	6	Rains and fly-
7	T	Tho. a Becket	15	17	0	♎ 4	9	3	8	✶ ♂ ☿ ing
8	F	Cam. Term ends	16	15	11	56	9	4	9	Clouds. Winds
9	S	Cyrillus	17	12	23	51	10	5	11	□ ♅ ☿ cool-
10	B	6 Sund. aft. Tri.	18	9	5	♌ 51	11	6	12	ing the Air;
11	M	Oxf. Act begins	19	6	17	57	11	7	13	overcaſt, ſea-
12	T	Nabor Fel	20	3	0	♍ 11	12	8	15	ſonable Wea
13	W	Mildrida	21	1	12	35	13	9	17	✶ ☉ ♄ ther,
14	T	Bonaventure	21	57	25	12	13	10	18	& moſtly dry.
15	F	St. Swithen	22	55	8	♎ 6	14	11	19	Now make
16	S	Oxf. Term ends.	23	52	21	♏ 0	15	13	20	your Hay
17	B	7 Sund. aft. Tri.	24	50	4	♍ 57	15	14	21	while the Sun
18	M	Atair South	25	47	18	57	16	15	22	ſhines, for a
19	T	near Midnight	26	44	3	♐ 23	17	16	24	Day's Waſte
20	W	Margaret V. M.	27	42	18	10	17	17	25	may be a
21	T	Praxad	28	39	3	♑ 14	18	18	26	♂ ♂ ♀
22	F	Q. Denmark b.	29	36	18	24	19	20	27	Pound's Loſs.
23	S	Apollinaire	♌	33	3	♒ 31	19	21	27	Some ſmiling
24	B	8 Sund. aft. Tri.	1	31	18	24	20	22	28	Rains may be
25	M	St. James Apoſt.	2	28	2	♓ 55	21	23	29	now expected
26	T	St Anne, M. B. V	3	25	16	59	22	24	♍	Now more fair
27	W	Tran. St. Marcel	4	23	0	♈ 36	22	25	0	□ ♐ ♄ ♂ ☿
28	T	Atair South 10	5	20	13	45	23	26	1	pleaſant. Cool
29	F	min. paſt 11	6	18	26	30	23	28	2	Winds, and
30	S	Dog Days beg.	7	15	9	♉ 9	24	29	2	Showers at the
31	B	9 Sund. aft. Tri.	8	12	21	6	25	♎	3	End.

Partridge, July 1774.

New Moon the 8th Day at 9 at Night.
First Quarter the 16th Day at 5 in Even.
Full Moon the 23d Day at 7 in Morning.
Laſt Quarter the 30th Day at 8 in Morn.
1ſt Day ♄ s. at 4. 47. ♂ 21 28. ☿ 1. 21.
16th Day ♄ s. at 3. 50. ♂ 21. 11. ☿ 1. 48.

M D	*Jupiter* South		*Venus* South	
1	19	47	8	56
6	19	29	8	57
11	19	13	9	0
16	18	55	9	3
21	18	31	9	7
26	18	20	9	12

M D	Lunar Aſpects. ☉	♄	♃	♂	♀	☿	Clock too faſt	Moon South	☽ riſes & ſets	Obſervations.
1	7					□	3 10	6 17	Morn.	The Affairs of our
2	✱		6			21	3 30	7 2	0 21	Nation appear in a
3	22	△	22				3 32	7 48	0 47	very hopeful Poſ-
4		18			6	✱	3 42	8 33	1 14	ture, for now we
5				6	10	20	3 52	9 18	1 46	may diſcover that
6		□		2			4 2	10 4	2 18	Balſam has been
7		6	✱				4 12	10 50	3 0	lately applied to
8	6	✱	22				4 22	11 36	☽ ſets	our Wounds to
9	9	20					4 33	0 A 26	8 A 11	good Purpoſe, and
10			□	✱	✱	6	4 40	1 13	8 44	we remain more
11			10	10	0	12	4 57	1 59	9 14	quiet than many
12			△		□		5 6	2 46	9 44	deſire; but to-
13	✱	6	22	□	16		5 12	3 32	10 5	wards the End of
14	18	16		1			5 19	4 18	10 30	the Month hap-
15				△	△	✱	5 25	4 5	10 54	pens a Square be-
16	□			11	6	20	5 30	5 52	11 21	tween the two In-
17	5		8				5 36	6 43	11 51	fortunes, which
18	△	✱	14			□	5 41	7 37	Morn	ſhews there is ſtill
19	9	4		8	8	6	5 45	8 34	0 29	remaining a Snake
20		□		22	22	△	5 49	9 33	1 11	in the Graſs, and
21		8	△			12	5 52	10 35	2 4	there are thoſe that
22	8	△	14				5 54	11 37	3 8	labour ſecretly to
23	17	8	□				5 56	Morn.	☽ riſes	diſturb our Nation
24			14	△	△	8	5 57	0 37	8 A 31	by endeavouring
25		✱	4	8	10		5 56	1 34	9 3	to corrupt & poi-
26		8	29	□	□		5 56	2 28	9 31	ſon the Minds of
27	△	9		7	13		5 56	3 19	9 58	the People; but I
28	8			✱			5 54	4 8	10 23	wiſh all ſecret Con-
29	□			18	✱	△	5 54	4 55	10 48	trivances, or evil
30	20		6		3	11	5 53	5 41	11 14	Deſigns againſt his
31		△	13				5 52	6 27	11 43	Sacred Majeſty, or
										the Government,
										were tranſported,
										with the Agents
										thereof, to the
										Land of Utopia.

August hath XXXI Days.	♏ D	♄ ♍	♃ ♉
Then the Sun's Place under the Tenth House mind,	1	23	14
Against which Hours and Minutes you shall find,	6	24	15
These added to the Time of Day will show	11	24	15
Cusps of the first six Houses on a Row;	16	25	15
The other six opposite Signs will seize,	21	26	16
And each respectively the same Degrees.	26	26	16

M D	W D	Sundays and Remark. Days.	☉ D	☊ M	☽ D	♊ M	♂ ♊	♀ ♋	☿ ♍	Aspects and Weather.
1	M	Lammas Day	9	10	3	8	26	2	3	*Pleasant and*
2	T	Moses	10	7	15	5	27	3	3	*wholesome*
3	W	Invent. Stephen	11	5	26	54	27	4	3	*blasts of wind*
4	T	Lyra South, 30	12	2	8 ♋	47	28	5	R	*the former.*
5	F	min. past 9 night	13	0	20	43	28	6	3	*Part of this*
6	S	Transfigurat.	13	57	2 ♌	45	29	7	3	*Month. Plea-*
7	B	10 Sund. aft. Tri.	14	55	14	53	29	8	3	*sant Showers*
8	M	St. Justin	15	53	27	10	♋	9	3	*about this*
9	T	Romanus	16	50	9 ♍	39	1	10	2	*Time, and may*
10	W	St. Laurence	17	48	22	11	2	11	2	*continue. Fly-*
11	T	Prs. Brunsw. bo.	18	46	5 ♎	10	3	12	1	*ing Clouds, &*
12	F	Prince Wales bo.	19	43	18	16	3	13	1	*overcast Good*
13	S	Marcellus	20	40	1 ♏	38	4	15	0	*✱ ♃ ♀ Wea-*
14	B	11 Sun. aft. Tri.	21	38	15	16	4	17	♌	*ther for the*
15	M	Assumption V. M	22	36	29	32	5	18	29	*Harvest, and*
16	T	Pr. Fred. born.	23	34	13 ♐	34	6	19	28	*so continues*
17	W	Bonifacius	24	32	27	52	6	20	27	*several Days.*
18	T	Fomelhaut Sou.	25	30	12 ♑	32	7	21	26	*♂ ☉ ☿ Per-*
19	F	at midnight.	26	27	27	17	8	22	25	*haps some sud-*
20	S	St Bernard trans.	27	25	12 ♒	2	8	23	24	*den Storms of*
21	B	12 Sun. aft. Tri.	28	23	26	39	9	24	23	**Pr. W. Henb.**
22	M	Marchab So. 46	29	22	10 ♓	59	10	26	22	*Rain may be*
23	T	min. past mid.	♍	19	24	59	10	27	22	*✱ ♄ ♀ expec-*
24	W	St. Bartholomew	1	17	8 ♈	35	11	28	21	*ted, then hot*
25	T	Atair South 19	2	15	21	47	11	29	21	*Weather for*
26	F	min. past 9 night	3	13	4 ♉	36	12	♌	20	*several Days.*
27	S	Rufinus	4	11	17	6	12	1	20	*Brisk Winds*
28	B	13 Sund. aft. Tri.	5	9	29	20	13	3	20	*and small*
29	M	Decol. Jo. Bap.	6	7	11 ♊	52	13	5	D	*Showers, tho'*
30	T	Gaudentia	7	5	23	18	14	6	20	*good Weather*
31	W	Adriarius	9	3	5 ♋	10	15	7	20	*to the End.*

Partridge, Auguſt 1774.

New Moon the 7th Day near Noon.
Firſt Quarter the 14th Day at Midnight.
Full Moon the 21ſt Day at 3 in Afternoon.
Laſt Quarter the 29th Day at 1 in Morn.
1ſt Day ♄ s. at 2. 52. ♂ 20. 54. ☿ 1. 28.
16th Day ♄ s. 2. 0. ♂ 20. 40. ☿ 0. 9.

M D	Jupiter South		Venus South	
1	17	59	9	18
6	17	41	9	25
11	17	25	9	31
16	17	7	9	38
21	16	49	9	44
26	16	32	9	51

M D	Lunar Aſpects. ☉	♄	♅	♂	♀	☿	Clock too faſt	Moon South	☽ riſes & ſets
1	✶	4				□	5 49	7 11	Morn.
2	12	□				○	5 45	7 56	0 19
3		18		6	6	✶	5 41	8 46	0 58
4			✶	○	15	12	5 36	9 34	1 42
5		✶	12				5 30	10 20	2 2
6		4					5 23	11 7	2 28
7	6		□				5 18	11 54	Sets.
8	○		○	✶		6	5 9	○ A 43	7 A 46
9			△	6	✶	12	5 1	1 29	8 11
10		6	11		2		4 53	2 14	8 37
11		4		□	□		4 44	3 3	9 2
12	✶			4	12	✶	4 35	3 51	9 28
13	3			△		12	4 21	4 40	9 52
14	□	✶	8	4	△		4 15	5 32	10 30
15	12	16	9		4	□	4 4	6 27	11 10
16	△	□				○	3 52	7 24	11 55
17	17	21		8		△	3 36	8 23	Morn.
18		△	△	14	8	○	3 27	9 23	0 42
19		22	5		14		3 12	10 23	1 53
20			□			8	2 56	11 21	3 9
21	8		7	△		21	2 44	Morn.	Riſes
22	3		✶	22			2 29	0 16	7 A 33
23		8	8		△		2 14	1 10	8 2
24		2		□	4	△	2 0	2 1	8 27
25	△			4	□	22	1 43	2 50	8 53
26	22		6	✶	15		1 27	3 38	9 21
27		△	22	12		□	1 10	4 26	9 50
28	□	19			✶	6	0 53	5 12	10 24
29	13				10		0 36	5 52	11 2
30		□				✶	0 18	6 46	11 41
31	✶	6	✶	○		18	0 0	7 22	Morn

Obſervations.

Let us endeavour to live in Peace and Unity, and by no Means offend our Superiors, or the Government, and endeavour to know how to obey as well as to command, according to the Saying of a wiſe Man: It was a wiſe Man's ſpeech, they could never know to command, that know not firſt to obey.

The 11th of this Month, 1737, was born the Princeſs of *Brunſwick*.

The Tranſactions of this Month are many, and thoſe very materiſl; the People in general are in expectation of ſomething for their good, I hope it may prove ſo.

September hath XXX Days.

M D	☿ ♍	♅ ♉
1	27	16
6	28	R
11	28	16
16	29	16
21	29	16
26	29	15

Next place your Planets as they chance to be,
Each in its proper Sign and true Degree.
If more than those, that on each House appear,
Within that House, else write them on the Rear.
Then mind the Dragon's Head, and, without fail,
The Place just opposite shall be its Tail.

M D	W D	Sundays and Remark. Days.	☉ ♍ D	M	☽ ♎ D	M	♂ ♋	♀ ♌	♃ ♌	Aspects and Weather.
1	T	Giles Abbot	9	1	17	4	16	8	22	✶♅♂ *Mild*
2	F	**Lond. burnt O.S**	9	59	29	2	17	9	23	*& temperate at*
3	S	Gregory	10	57	11♌	9	17	10	23	*the Beginning,*
4	**B**	**14Sund.aft.Tri.**	11	56	23	28	18	11	24	*& continues so*
5	M	Barlinus Mag.	12	54	5♍	59	18	12	25	*for several*
6	T	Evertius	13	52	18	44	19	13	26	*Days; now ex-*
7	W	**Dog Days end**	14	50	1♎	45	20	15	27	□♅☿ *pect*
8	T	**K.Geo.III.mar.**	15	49	15	0	20	16	28	△☉♅ *some*
9	F	St. Omer	16	47	28	28	21	17	♍	*smiling Show-*
10	S	Gorgonius	17	46	12♍	9	22	18	2	*ers. Cool and*
11	**B**	**15Sund.aft.Tri.**	18	44	26	0	22	20	3	*gloomy, inclin-*
12	M	Vincentius	19	43	10♐	1	23	21	5	*ing to wet, and*
13	T	Amantius	20	41	24	8	23	22	7	*probably not*
14	W	Holy Rood Day	21	40	8♑	22	24	23	8	*much change*
15	T	Nicomede	22	38	22	40	25	24	10	*'s yet. Good*
16	F	St. Cyprian	23	37	6♒	58	25	26	12	*Weather for*
17	S	Lambert	24	35	21	12	26	27	13	*the Harvest.*
18	**B**	**16Sund.aft.Tri.**	25	34	5♓	23	26	29	15	*Flying Clouds,*
19	M	St. Chrysostom	26	33	19	22	27	♍	17	*producing some*
20	T	Faustina Virg.	27	31	8♈	5	27	1	19	*gentle Showers*
21	W	**Ember Week**	28	30	16	31	28	2	21	♂☉♄ *with*
22	T	**K.G.III.crown.**	29	29	29	38	29	3	23	✶☉♂ *brisk*
23	F	♎	28	12	♉	26	29	4	25	✶♄♂ *gales*
24	S	Winobald	1	27	24	56	♌	5	26	*of Wind, and*
25	**B**	**17Sund.aft.Tri.**	2	26	7♊	11	1	7	28	♂♄☿ *unset-*
26	M	Cleophas	3	25	19	14	1	8	♎	*tled Air, and*
27	T	St. Damien	4	24	1♋	10	2	9	2	✶♂☿ *cool-*
28	W	Privatus	5	23	13	2	2	11	4	*ing Showers so*
29	T	**St. Michael**	6	22	24	56	3	12	5	**Prs. Ch. A. b.**
30	F	St. Jerome	7	21	6♌	56	3	13	7	♂☉☿ *the End.*

Partridge, September 1774.

New Moon 6th Day at 2 in Morning.
First Quarter 13th Day at 6 in Morning.
Full Moon 20th Day at 2 in Morning.
Last Quarter 27th Day at 7 in Afternoon.
1st Day ♄ ☍. at 1. 9. ♂ 20. 26. ☿ 10. 53.
16th Day ♄ ☌ at 0. 22. ♂ 20. 12. ☿ 11 19.

M D	Jupiter South		Venus South	
1	16	11	9	59
6	15	52	10	6
11	15	35	10	12
16	15	16	10	17
21	14	56	10	22
26	14	39	10	28

M D	Lunar Aspects. ☉	♄	♅	♂	♀	☿	Clock too slow	Moon South	☽ rises & sets	Observations.
1	6	✱	22	22			0 15	8 20	0 M 30	On the 2d, 3d,
2		20			6		0 34	9 7	1 24	4th and 5th Days
3			□		22		0 53	9 54	2 25	of this Month Old
4			10			6	1 18	10 22	3 25	Stile, or the 13th,
5	6		△			2	1 35	11 29	4 32	14th, 15th & 16th
6	14	6	29	✱			1 55	0 A 19	☽ sets	according to the
7		18		1			2 15	1 7	7 A 15	New, 1666, was
8				□	✱		2 35	1 55	7 49	the glorious City
9				10	2	✱	2 55	2 45	8 9	of *London* burnt by
10	✱		8	△	□	4	3 15	3 37	8 40	those vile Incendi-
11	12	✱	8	18	12	□	3 35	4 31	9 16	aries the Papists;
12	□	4			△	12	3 56	5 27	10 1	therefore let the
13	18	□			20		4 17	6 22	10 52	Remembrance of
14		8	△			△	4 38	7 22	11 53	that memorable
15	△	△	16	8		0	5 10	8 20	Morn.	Year of our Lord,
16	0	10	□	4			5 25	9 17	1. 2	be engraven in in-
17			16		8		5 42	10 13	2 15	delible Charact-
18			✱		10	8	6 3	11 6	3 29	ers on the Hearts
19	8	8	18	△		18	6 24	11 58	4 44	of Posterity to
20	14	20		7			6 45	Morn.	☽ rises	make them abhor
21							7 6	0 48	7 A 3	& detest Popery,
22				□	△		7 26	1 37	7 29	and all such vile
23			6	0	5		7 47	2 25	7. 58	Popish Incendia-
24	△	△	8	✱	□	△	8 7	3 12	8 30	ries. Let it remain
25	12	10		12	23	2	8 27	3 59	9 10	a Monument of
26							8 47	4 47	9 54	Gratitude to God,
27	□	□			✱	□	9 7	5 35	10 32	of Caution to *Eng-*
28	7	20	✱		14	2	9 26	6 23	11 22	*land*, and Protest-
29		✱	4	6			9 46	7 10	Morn.	ants in general, &
30	✱	8	□	18		✱	10 6	7 57	0 18	Shame to *Rome*.

July hath XXXI Day.

M	♄	♅
D	♍	♉
1	21	10
6	21	11
11	21	11
16	22	12
21	22	13
26	22	13

Twins, Libra, Aquary are airy Signs,
Water with Cancer, Scorpio Piſces joins.
Now if you a Figure of the Heavens would ſet,
For your Latitude a Table of Houſes get;
With an Ephemeris daily to ſhow
How all the Planets in their Order go.

M	W	Sundays and	☉	♋	☽	♈	♂	♀	☿	Aſpects and
D	D	Remark. Days.	D	M	D	M	♊	♉	♍	Weather.
1	F	St. Martial	9	34	17	48	4	26	28	*Cooling breez-*
2	S	Viſit. B. V. Mary	10	31	0	♉ 12	5	27	29	*ings* ✶ ☉ ♅ *of*
3	B	5 Sund. aft. Tri.	11	29	12	22	6	28	♎	*Wind, with*
4	M		12	26	24	24	7	29	3	*ſome Showers.*
5	T	Cam. Commenc.	13	23	6	♊ 19	7	♊	4	Old Mid Day
6	W	Nicoſtratus	14	20	18	12	8	2	6	*Rains and fly-*
7	T	Tho. a Becket	15	17	0	♋ 4	9	3	8	✶ ♂ ☿ *ing*
8	F	Cam. Term ends	16	15	11	56	9	4	9	*Clouds. Winds*
9	S	Cyrillus	17	12	23	51	10	5	11	□ ♅ ☿ *cool-*
10	B	6 Sund. aft. Tri.	18	9	5	♌ 51	11	6	12	*ing the Air;*
11	M	Oxf. Act begins	19	6	17	57	11	7	13	*overcaſt, ſea-*
12	T	Nabor Fel	20	3	0	♍ 11	12	8	15	*ſonable Wea*
13	W	Mildrida	21	1	12	35	13	9	17	✶ ☉ ♄ *ther,*
14	T	Bonaventure	21	57	25	12	13	10	18	☿ *moſtly dry.*
15	F	St. Swithen	22	55	8	♎ 6	14	11	19	*Now make*
16	S	Oxf. Term ends.	23	52	21	♎ 0	15	13	20	*your Hay*
17	B	7 Sund. aft. Tri.	24	50	4	♍ 57	15	14	21	*while the Sun*
18	M	Atair South	25	47	18	57	16	15	22	*ſhines, for a*
19	T	near Midnight	26	44	3	♐ 23	17	16	24	*Day's Waſte*
20	W	Margaret V. M.	27	42	18	10	17	17	25	*may be a*
21	T	Praxad	28	39	3	♑ 14	18	18	26	♂ ☌ ♀
22	F	Q. Denmark b.	29	36	18	24	19	20	27	*Pound's Loſs.*
23	S	Apollinaire	♎	33	3	♒ 31	19	21	27	*Some ſmiling*
24	B	8 Sund. aft. Tri.	1	31	18	24	20	22	28	*Rains may be*
25	M	St. James Apoſt.	2	28	2	♓ 55	21	23	29	*now expected*
26	T	St Anne, M. B. V	3	25	16	59	22	24	♍	*Now more fair*
27	W	Tran. St. Marcel	4	23	0	♈ 36	22	25	0	□ ♆ ♄ ♂ ☿
28	T	Atair South 10	5	20	13	45	23	26	1	*pleaſant. Cool*
29	F	min. paſt 11	6	18	26	30	23	28	2	*Winds, and*
30	S	Dog Days beg.	7	15	9	♉ 9	24	29	2	*Showers at the*
31	B	9 Sund. aft. Tri.	8	12	21	6	25	♎	3	*End.*

Partridge, October 1774.

New Moon the 5th Day at 3 in Afternoon.
First Quarter the 12th Day near Noon.
Full Moon the 19th Day at 3 in Aftern.
Last Quarter the 27th Day at 3 in Aftern.
1st Day ♄ s. at 23. 32. ♂ 19. 56. ☿ d. 4.
16th Day ♄ s. 22. 43. ♂ 19. 35. ☿ 0. 40.

M D	*Jupiter* South		*Venus* South	
1	14	18	10	34
6	13	57	10	38
11	13	40	10	43
16	13	17	10	47
21	12	53	10	52
26	12	40	10	55

M D	Lunar Aspects. ☉	☽	♄	♂	♀	☿	Clock too slow	Moon South	Rises & sets
1	c		16			0	10 26	8 44	1 M 20
2							10 45	9 32	2 26
3			△		6		11 3	10 19	3 33
4		6	0	*	4		11 21	11 7	4 42
5	6	8		16		6	11 38	11 56	☽ sets
6	3					9	11 55	0 A 47	6 A 18
7			8	□			12 11	1 40	6 49
8		*	11	0	*		12 27	2 34	7 25
9	*	20		△	2		12 41	3 41	8 8
10	18	□		5	□	*	12 58	4 28	8 56
11		18	△		8		13 13	5 25	9 56
12	□	△	16		△	□	13 41	6 23	11 1
13	0	22	□	8	15	16	13 54	7 19	Morn.
14	△		17	12			14 17	8 14	0 9
15	4		*		△		14 36	9 8	1 22
16			22			2	14 55	9 59	2 36
17		8			8		15 9	10 48	3 51
18		8		△	11		15 19	11 37	5 3
19	8			4			15 28	Morn.	☽ rises
20	3		6	□		8	15 36	0 A 25	6 A 4
21			11	15		4	15 41	1 12	6 34
22		△			△		15 48	1 59	7 7
23		0		*	12		15 56	2 37	7 46
24	△	□		2			16 0	3 25	8 30
25	8	12	*		□	△	16 6	4 23	9 18
26			8		10	16	16 10	5 10	9 59
27	□	*	□				16 12	5 57	11 12
28	3	0	18	6	*	□	16 13	6 43	Morn.
29	*			8	6	12	16 14	7 30	0 13
30	20		△				16 15	8 16	1 18
31		△	6			*	16 16	9 2	2 22

Observations.

The Configurations of the last Month have powerful operations in this. Let those that are guilty of criminal Offences secure and defend themselves as well as they can. May our Kingdom of Great Britain enjoy much Happiness is most heartily desired, and there is no Question to be made of it, notwithstanding the Attempts of its most potent Enemies to the contrary, so that now, after various Turns, Changes & Hurley-Burleys, we have still very rational Hopes of Unity, or at least a better Understanding amongst us.

November hath XXX Days.

M D	♄ ♎	♃ ♓
As any Planet from the middle Way	1	4	11
O'th Zodiac, to the North, or South, do ſtray,	6	4	10
The ſame we call ſuch Planet's Latitude,	11	5	10
Which theſe Letters in Tables do include.	16	6	9
S. A. always denotes their North Aſcenſion,	21	6	9
As M. and D. declare their South Declenſion.	26	6	8

M D	W D	Sundays and Remark. Days.	☉ ♏ D	M	☽ ♎ D	M	♂ ♌	♀ ♎	☿ ♏	Aſpects and Weather.
1	T	All Saints	9	9	5	13	21	23	28	*Winds, with a*
2	W	Fr. Edw. born	10	9	18	48	22	24	29	*☌ ☉ ♃ froſty*
3	T	Winifride	11	9	2♏	48	22	26	♐	*Air, perhaps*
4	F	Amantius	12	10	17	9	23	27	2	*ſome cold*
5	S	Powder Plot	13	10	1♐	45	23	28	3	*Rains near the*
6	B	23Sund.aft.Tri.	14	10	16	29	24	29	4	*✶ ♄ ☌ new*
7	M	D. of Cum. born	15	11	1♑	11	24	♏	6	**Term begins**
8	T	Prs.Sop.Aug.b.	16	11	15	45	25	2	7	*Moon. Mode-*
9	W	Ld Mayor's Day	17	11	0♒	7	25	3	8	*rate Weather*
10	T	Tryphon	18	12	14	13	26	4	10	*may be expect-*
11	F	St. Martin, B & C	19	12	28	4	26	5	11	*ed. Gentle*
12	S	Britius Biſhop	20	12	11♓	39	27	6	12	*Winds, not*
13	B	24Sund.aft.Tri.	21	13	25	00	27	8	13	*much Altera-*
14	M	Philemon	22	14	8♈	11	28	9	14	*☌ ♃ ♀ tion*
15	T	Machutus	23	14	21	9	28	10	15	*for the pre-*
16	W	Ormardus	24	15	3	56	28	12	16	*ſent. Right*
17	T	HughBiſh. Linc.	25	15	16	31	29	13	17	*winterly Wea-*
18	F	Fomelhaut Sou.	26	16	28	57	29	14	18	*ther for ſome*
19	S	at 11 at Night	27	17	11♉	12	29	16	19	*Days. Froſty*
20	B	25Sund.aft.Tri.	28	17	23	17	♍	17	20	*Mornings may*
21	M	Preſent Mary	29	18	5♊	15	0	18	20	*be expected &*
22	T	Old Martin Day	♐	19	17	7	1	19	20	*likely to conti-*
23	W	St. Clement	1	19	28	57	1	20	21	*nue. Miſty*
24	T	Chriſtian	2	20	10♋	48	2	21	21	*Mornings and*
25	F	D. of Glo. born.	3	21	22	44	2	23	21	*ſoggy Air,*
26	S	Conrade	4	22	4♍	51	3	24	♃	*with ſome Re-*
27	B	Advent Sunday	5	23	17	13	3	25	21	*miſſion of cold*
28	M	Term ends	6	24	29	57	3	27	21	*✶ ☉ ♄ dark*
29	T	Saturnus	7	24	13♎	5	4	28	20	*Air, with*
30	W	St. Andrew Apo.	8	25	26	43	4	29	20	*Showers to the*
										End.

Partridge, November 1774.

New Moon the 4th Day at 3 in Morning.
First Quarter the 10th Day at 7 at Night.
Full Moon the 18th Day at 6 in Morn.
Laft Quarter the 26th Day at 11 in Foren.
1ſt Day ♄ s. 21. 48. ♂ 19. 7. ☿ 1. 12.
16th Day ♄ s. 20. 54. ♂ 18. 36. ☿ 1. 32.

M D	*Jupiter* South		*Venus* South	
1	12	8	11	00
6	11	55	11	4
11	11	10	11	8
16	10	59	11	11
21	10	34	11	15
26	10	14	11	17

M D	Lunar Aſpects. ☉	♄	♃	♂	♀	☿	Clock to ſlow	Moon South	☽ riſes & ſets	Obſervations.
1		22				8	16 14	9 49	3 M 36	The 5th of this Month, 1605, was the Popiſh Powder Plot, which by true Proteſtants ought never to be forgot. The 7th of this Month, 1745, was born the hopeful Duke of *Cumberland*, 4th Son of her late Royal Highneſs the Prſs *Dowager of Wales*. The 25th of this Month 1743, was born the hopeful Duke of *Glouceſter*, third Son of her late Royal Highneſs the Prſs *Dowager of Wales*. Some great News arrives from ſome Parts beyond the Seas, and our own Counſels are carried on to the Advancement of ſome deſerving Perſon.
2			*	♂			16 14	10 39	4 48	
3	♂		☌	♂	10		16 13	11 30	6 2	
4	15		12	□			16 13	0 A 26	☽ ſets	
5		*		10		♂	16 11	1 23	6 A 4	
6		6		△		2	16 9	2 22	6 51	
7		□	△	13	*		16 5	3 21	7 48	
8	*	7	15		0		16 1	4 21	8 53	
9	1	△	□		□	*	15 56	5 18	10 2	
10	□	9	15	☌	♂	14	15 45	6 14	11 14	
11	10		*	20	△		15 35	7 7	Morn	
12	△		20		12	□	15 25	7 57	0 28	
13	18	☌				♂	15 19	8 45	1 39	
14		18				△	15 12	9 35	2 51	
15				△		12	15 0	10 20	4 3	
16			♂	14	☌		14 52	11 6	5 10	
17	☌		9		16		14 42	11 53	6 16	
18	18	△		□			14 29	Morn	☽ riſes	
19		15		0		☌	14 15	0 40	5 47	
20				*		16	14 1	1 27	6 22	
21		□	*	14			13 49	2 14	7 9	
22		2	10		△		13 29	3 1	8 0	
23	△	*	□		4		13 12	3 48	8 57	
24	4	16	21			△	12 54	4 34	9 56	
25	□			♂	□	20	12 36	5 20	10 59	
26	3		△	21	0		12 18	6 4	Morn	
27			6		*	□	11 59	6 49	0 4	
28	*	♂			18	☌	11 39	7 35	1 9	
29	12	12				*	11 17	8 22	2 17	
30			☌	*		12	10 55	9 11	3 37	

December hath XXXI Days.

M D	♄ ♎	♃ ♓
1	7	8
6	7	7
11	8	7
16	8	6
21	9	6
26	9	6

Thus briefly have I taught the Grounds of Art,
Where Memory muſt claim the greateſt Part:
This being learn'd, to Practice we proceed, [need;
Where deeper Thoughts and Judgments you will
Let the induſtrious Student mind this well,
And then ſtrange Things he may attempt to tell.

M D	W D	Sundays and Remark. Days.	☉ ♐ D	M	☽ ♏ D	M	☿ ♍	♀ ♐	♂ ♑	Aſpects and Weather.
1	F	Virgilius	9	26	10	49	5	c	18	*Temperate for*
2	F	Candides	10	27	25	23	5	2	17	*the Seaſon, but*
3	S	Caſſianus	11	28	10♐	17	6	3	16	*ſoon changes to*
4	B	2 Sund. in Adv.	12	29	25	24	6	4	14	☌ ☉ ☿ *windy*
5	M	Sabra	13	30	10♑	31	6	5	13	□ ☌ ♀ *rainy,*
6	T	Nicholas Biſh.	14	31	25	28	7	6	11	✶ ♄ ♀ *and*
7	W	Ambroſius	15	32	10♒	9	7	8	10	△ ♅ ☌ *cold,*
8	T	Concep. B. V. M	16	33	24	29	7	9	9	☌ ♀ ☿ *with*
9	F	Joachim	17	34	8♓	24	8	10	8	□ ☌ ☿ *Snow*
10	S	Pole Star South	18	35	21	59	8	12	7	✶ ♄ ☿ *or*
11	B	3 Sund. in Adv.	19	36	5♈	13	8	13	6	*Sleet, for ſe-*
12	M	30 m. pa 7 Night	20	37	18	10	9	14	5	*veral Days.*
13	T	Lucy Vir. & Ma	21	38	0♉	54	9	16	5	*Unſettled*
14	W	Ember Week	22	39	13	26	9	17	5	*Weather till*
15	T	Tyaneus	23	41	25	45	10	18	D	*after the full*
16	F	Cam. Term ends	24	42	7♊	58	10	19	5	*Moon, then it*
17	S	Ox. Term ends	25	43	20	3	10	20	5	*more ſettled*
18	B	4 Sund. in Adv.	26	44	2♋	c	10	21	5	*into Froſt and*
19	M	Nimerius	27	45	13	53	10	23	c	*Cold in earneſt*
20	T	Nutius	28	46	25	42	11	24	6	*and holds by*
21	W	St. Tho. Apoſt.	29	48	7♌	39	11	25	7	*Turns for*
22	T	Demetrius	♈	49	19	34	11	27	8	*ſome Days.*
23	F	Victoria	1	50	1♍	20	11	28	9	*More moderate*
24	S	Gregorianus	2	51	13	27	11	29	10	*and a tempe-*
25	B	Chriſtmas-day.	3	52	25	47	11	♑	11	*rate Air may*
26	M	St. Stephen	4	53	8♎	23	11	2	12	*be now ex-*
27	T	St. John Evan.	5	54	21	30	11	3	13	△ ☉ ♅ *pect-*
28	W	Holy Innocents	6	56	5♏	c	11	5	15	*ed, tho' the*
29	T	Trophimus	7	57	19	c	11	6	16	*Year may end*
30	F	James Tranſ.	8	58	3♐	3	11	7	17	*with Froſt &*
31	S	Silveſter	9	59	18	24	11	c	19	□ ☉ ♄ *Snow.*

Partridge, December 1774.

New Moon the 3d Day at 2 in the Aftern.
First Quarter the 10th Day at 5 in Morn.
Full Moon the 17th Day near Midnight.
Last Quarter the 26th Day at 5 Morning.
1st Day ♄ s. at 19. 54. ♂ 17. 57. ☿ 0. 37.
16th Day ♄ s. at 18. 53. ♂ 17. 10. ☿ 10. 39.

M D	*Jupiter* South	*Venus* South
1	9 . . 40	11 23
6	9 24	11 27
11	9 4	11 32
16	8 39	11 37
21	8 15	11 42
26	7 56	11 47

M D	Lunar Aſpects. ☉	♄	♅	♂	♀	☿	Clock too ſlow	Moon South	Riſes & ſets
1			20	12			10 37	10 2	4 M 46
2		*		□	♂		10 13	10 58	6 2
3	♂	20		18	12	♂	9 49	11 53	☽ ſets
4	2	□	△	△		9	9 25	0 58	5 A 25
5		20	20	18			9 0	2 0	6 28
6		△	□		*		8 35	3 0	7 37
7	*	20	20		20	*	8 9	3 55	8 52
8	9		*			0	7 43	4 55	10 6
9	□		21	8	□	□	7 16	5 46	11 22
10	17			0	4	0	6 49	6 34	Morn.
11		8			△	△	6 21	7 21	0 33
12	△	4			15	2	5 53	8 8	1 43
13	4		♂	△			5 24	8 54	2 51
14			10	16			4 55	9 40	3 57
15						8	4 26	10 26	5 1
16		△		□		20	4 0	11 12	♂ 3
17	8	0		4	8		3 26	11 59	7 1
18	12	□	*	*	0		2 56	Morn.	☽ riſes
19		14	8	16			2 26	0 45	5 40
20			□				1 56	1 32	♂ 36
21		*	22			△	1 26	2 19	7 35
22		2			△	0	0 56	3 5	8 35
23	△		△	♂	16	□	0 26	3 50	9 38
24	1		10	20		16	faſt	4 35	10 43
25	□				□		0 34	5 19	11 49
26	17	♂			8	*	1 4	5 59	Morn.
27		1			*	8	1 34	♂ 44	0 57
28	*		8	*	23		2 3	7 36	2 8
29	4		2	11			2 33	8 28	3 22
30		*		□			2 59	9 23	4 36
31		10		12		♂	3 30	10 22	5 51

Obſervations.

We now draw towards the Year's End, but I cannot ſay we are all of us contented in our Stations, for the Month is uſhered in with a Croud of Aſpects, therefore will produce various Matter to work upon. I hope all remains well in our Metropolitan City, but if we will let Reaſon and Prudence be our Guide we need not ſo much complain, and many that languiſh under Trouble now may thank themſelves; we are too ſubject to diſcompoſe our Spirits with Cares and Fears, and other Perplexities. Let us hope well and truſt to Providence; the Year ends with Variety of Action, and great Things are yet in expectation; all I ſhall ſay is, God direct the whole Nation into Unity, Love and Peace among themſelves, and Obedience and Loyalty to their Majeſties. Amen.

A TABLE of the Common Notes, and Moveable Feasts, for the Year of our Lord 1774.

Golden Number	8	Easter Sunday	*April* 3
Cycle of the Sun	19	Rogation Sunday	*May* 8
Dominical Letter	B	Ascension Day	*May* 12
Epact	17	Whit Sunday	*May* 22
Roman Indiction	7	Trinity Sunday	*May* 29
Sundays after Epiphany	3	Sundays after Trinity	25
Septuagesima Sun.	*Jan.* 30	Advent Sunday	*Nov.* 27
Ash Wednesday	*Feb.* 16	Year of the Julian Per.	6479
Number of Direction	42	Year of Dionysian Per.	98

A TABLE of the 12 Signs, 7 Planets, and Aspects.

♈ Aries, *Head and Face.*	♄ Saturn.
♉ Taurus, *Neck and Throat.*	♃ Jupiter.
♊ Gemini, *Arms and Shoulders.*	♂ Mars.
♋ Cancer, *Breast and Stomach.*	☉ Sol, or the Sun.
♌ Leo, *Heart and Back.*	♀ Venus.
♍ Virgo, *Bowels and Belly.*	☿ Mercury.
♎ Libra, *Reins and Loins.*	☽ Luna the Moon.
♏ Scorpio, *Secret Members.*	☊ Dragon's Head.
♐ Sagitarius, *Hips and Thighs.*	☋ Dragon's Tail.
♑ Capricorn, *Knees and Hams.*	⊕ Part of Fortune.
♒ Aquarius, *Legs and Ancles.*	⊖ Tellus or Earth.
♓ Pisces, *Feet and Toes.*	VENUS *is an Evening Star till the 22d of March, from thence a Morning Star to the Year's End.*
☌ Conjunction, *In one Sign and Degree.*	
✶ Sextile, *is 2 Signs or 60 Degrees.*	
□ Square or Quartile, *is 3 Signs or 90d.*	
△ Trine, *is 4 Signs or 120 Degrees.*	
☍ Opposition, *is 6 Signs or 180 Degrees.*	

♈ ♌ ♐ Hot, Dry and Fiery	♉ ♍ ♑ Cold & dry Earthy
♊ ♎ ♒ Hot and moist Airy	♋ ♏ ♓ Cold & moist Watery
♈ ♌ ♐ ♊ ♎ ♒ Diur. Masculine	♉ ♍ ♑ ♋ ♏ ♓ Noct. Femin
♈ ♋ ♎ ♑ Cardinal & Moveable	♉ ♌ ♏ ♒ Fixed Signs
♊ ♍ ♐ ♓ Common Signs	♋ ♏ ♓ Termed Mute Signs
♊ ♌ ♍ are Barren	♋ ♏ ♓ Fruitful ♊ ♐ ♓ Bicorporeal

Kings Names.	Reigns began.
William Conq	Oct. 14, 1066
William Rufus	Sept. 19, 1087
Henry 1.	Aug. 2, 1100
Stephen	Dec. 2, 1135
Henry 2. Rosam.	Oct. 25, 1154
Richard 1.	July 6, 1189
John	April 6, 1199
Henry 3.	Oct. 19, 1216
Edward 1.	Nov. 16, 1272
Edward 2.	July 7, 1307
Edward 3.	Jan. 25, 1326
Ric. 2. W. Tyler	June 21, 1377
Henry 4.	Sept. 29, 1399
Henry 5.	Mar. 20, 1412
Henry 6.	Aug. 31, 1422
Ed. 4. J. Shore	Mar. 4, 1461
Edward 5.	April 9, 1483
Richard 3.	June 22, 1483
Henry 7.	Aug. 22, 1485
Henry 8.	Apr. 22, 1509
Edward 6.	Jan. 28, 1547
Mary 1.	July 6, 1553
Elizabeth	Nov. 17, 1558
James 1.	Mar. 24, 1602
Charles 1.	Mar. 27, 1625
Charles 2.	Jan. 30, 1648
James 2.	Feb. 6, 1684
Will. 3. & M. 2.	Feb. 13, 1688
Anne	Mar. 8, 1701
George 1.	Aug. 1, 1714
George 2.	June 11, 1727
George 3.	Oct. 25, 1760

The direct Lineal Descent of His Majesty K. George III.

The Family of *Brunswick Lunenburg.*

Maud mar. *Hen. the Lion*, D. of *Bavaria* and *Saxony*, had *Wil.* of *Lun.* mar. *Helena*, D. of *Waldemer*, K. of *Den.* had *Otho* D. of *Brunf.* and *Lunen.*

——— had ———

Albert the Great D. of *Brunf.*

——— had ———

Albert the Fat D. of *Brunf.*

——— had ———

Magnus D. of *Brunswick*

——— had ———

Mag. Torquat. D. of *Bru. & Lun.*

——— had ———

Bernard D. of *Brun. & Lun.*

——— had ———

Frederick Duke of *Lunenb.*

——— had ———

Otho the Great D. of *Lunenb.*

——— had ———

Henry Duke of *Lunen.* had *Ernest* Duke of *Lunenb.* had *Wil.* D. of *Lunen. Zel.* had *Elizabeth*, mar. *Fred.* K. of *Bohemia*, had *Geo.* P. of *Callenbar* and D. of *Hanover.* had *Sophia*, mar. *Ernest Augustus* Bishop of *Osnaburgh*, and Elector of *Brunswick*, *Lunenburgh*, had *George*, by the Grace of *God*, King of *Great-Britain*, &c. who had *George* II. who had *Fred.* Pr. of *Wales*, who had *George* III. his present Majesty, whom God preserve.

Table of Break of Day, of Sun Rising and Setting, and Length of the Day.

Mon.	Day	B. D. h.	B. D. m.	S. R. h.	S. R. m.	S. S. h.	S. S. m.	L. D. h.	L. D. m.
January.	1	5	59	8	10	3	51	7	42
	6	5	57	8	7	3	54	7	48
	11	5	53	8	2	3	49	7	58
	16	5	49	7	54	4	7	8	14
	21	5	44	7	48	4	13	8	26
	26	5	38	7	42	4	19	8	36
February.	1	5	30	7	35	4	26	8	52
	6	5	22	7	26	4	35	9	10
	11	5	14	7	13	4	48	9	36
	16	5	6	7	3	4	58	9	56
	21	4	57	6	54	5	7	10	14
	26	4	48	6	44	5	17	10	34
March.	1	4	43	6	38	5	25	10	46
	6	4	32	6	28	5	33	11	6
	11	4	21	6	18	5	43	11	26
	16	4	11	6	8	5	53	11	46
	21	4	0	5	58	6	3	12	6
	26	3	48	5	48	6	13	12	26
April.	1	3	33	5	36	6	25	12	50
	6	3	20	5	26	6	35	13	10
	11	3	6	5	17	6	44	13	28
	16	2	54	5	7	6	54	13	48
	21	2	40	4	59	7	2	14	4
	26	2	23	4	50	7	11	14	22
May.	1	2	4	4	41	7	20	14	40
	6	1	50	4	32	7	29	14	58
	11	1	28	4	24	7	37	15	14
	16	1	4	4	16	7	45	15	30
	21	0	24	4	9	7	52	15	44
	26			4	3	7	58	15	56
June.	1	[No Night, but all Twilight.]		3	57	8	3	16	6
	6			3	53	8	7	16	14
	11			3	51	8	9	16	18
	16			3	49	8	11	16	22
	21			3	48	8	13	16	26
	26			3	49	8	11	16	22

Mon.	Day	B. D. h.	B. D. m.	S. R. h.	S. R. m.	S. S. h.	S. S. m.	L. D. h.	L. D. m.
July.	1	[No Night but all Twilight.]		3	51	8	9	16	18
	6			3	54	8	6	16	12
	11			3	57	8	3	16	6
	16			4	2	7	58	15	54
	21			4	8	7	52	15	46
	26	0	52	4	14	7	46	15	32
August.	1	1	24	4	22	7	38	15	16
	6	1	44	4	31	7	28	14	56
	11	2	0	4	39	7	20	14	40
	16	2	20	4	49	7	10	14	20
	21	2	35	4	57	7	2	14	4
	26	2	50	5	6	6	53	13	46
September.	1	3	7	5	18	6	41	13	22
	6	3	21	5	27	6	32	13	4
	11	3	34	5	37	6	22	12	44
	16	3	44	5	47	6	12	12	24
	21	3	56	5	57	6	2	12	4
	26	4	7	6	6	5	53	11	46
October.	1	4	18	6	16	5	43	11	26
	6	4	29	6	26	5	33	11	6
	11	4	39	6	36	5	23	10	46
	16	4	49	6	46	5	13	10	26
	21	4	59	6	56	5	3	10	6
	26	5	8	7	5	4	54	9	48
November.	1	5	17	7	16	4	43	9	26
	6	5	24	7	25	4	34	9	8
	11	5	32	7	34	4	25	8	50
	16	5	37	7	42	4	17	8	34
	21	5	43	7	49	4	10	8	20
	26	5	49	7	56	4	3	8	6
December	1	5	54	8	1	3	59	7	58
	6	5	56	8	6	3	54	7	48
	11	5	58	8	10	3	50	7	40
	16	6	0	8	12	3	48	7	36
	21	6	1	8	13	3	47	7	34
	26	6	1	8	12	3	48	7	39

A Table of the Increaſe and Decreaſe of Days for every other Day throughout the Year.

Days	January Increaſe H. M.	February Increaſe H. M.	March Increaſe H. M.	April Increaſe H. M.	May Increaſe H. M.	June Increaſe H. M.
1	0 8	1 26	3 10	5 14	7 6	8 32
3	0 10	1 32	3 18	5 22	7 14	8 36
5	0 14	1 38	3 26	5 30	7 20	8 38
7	0 16	1 46	3 34	5 36	7 28	8 42
9	0 20	1 54	3 42	5 44	7 34	8 44
11	0 24	2 2	3 50	5 52	7 40	8 46
13	0 28	2 8	3 58	6 0	7 46	8 48
15	0 34	2 16	4 6	6 8	7 52	8 49
17	0 38	2 24	4 14	6 16	7 56	8 50
19	0 44	2 32	4 22	6 22	8 2	8 50
21	0 50	2 40	4 30	6 30	8 8	8 52
23	0 56	2 46	4 38	6 38	8 12	Dec. 2
25	1 2	2 54	4 46	6 44	8 18	0 2
27	1 8	3 2	4 54	6 52	8 22	0 2
29	1 16		5 2	6 58	8 26	0 4
31	1 22		5 10		8 30	

Days	July Decreaſe H. M.	Auguſt Decreaſe H. M.	September Decreaſe H. M.	October Decreaſe H. M.	November Decreaſe H. M.	December Decreaſe H. M.
1	0 6	1 14	3 2	5 0	6 58	8 30
3	0 8	1 20	3 10	5 8	7 6	8 34
5	0 10	1 26	3 18	5 16	7 12	8 36
7	0 12	1 32	3 26	5 24	7 20	8 40
9	0 16	1 38	3 34	5 30	7 26	8 44
11	0 20	1 46	3 42	5 33	7 34	8 46
13	0 24	1 52	3 48	5 46	7 40	8 48
15	0 28	2 0	3 56	5 54	7 46	8 50
17	0 32	2 6	4 4	6 2	7 54	8 50
19	0 36	2 14	4 12	6 10	7 58	8 51
21	0 42	2 22	4 20	6 18	8 4	8 52
23	0 46	2 28	4 28	6 26	8 10	8 52
25	0 52	2 36	4 36	6 34	8 16	Incr. 2
27	0 58	2 44	4 44	6 42	8 20	0 4
29	1 4	2 50	4 52	6 48	8 26	0 6
31	1 10	2 58		6 54		0 8

A Compendious Chronology of the moſt principal Epocha's and Æra's, with their Beginnings, reduced and fixed to the Years of the Julian Period, the Creation of the World and to the Years before and after Chriſt.

	Julian Period	Anno Mundi	Ante Chriſti
THE Creation of the World after the Jews	952	1	3760
The common Epocha of the Creation	765	1	3950
The ſame by the Greek Emperors	787	1	3926
The ſame in Mr. Bedford's Scripture Chronology	706	1	4007
The ſame in Biſhop Uſher's Annals	710	1	4004
The Deluge, or Noah's Flood	2362	1657	2351
Porphyrius's Chaldaic Epocha	2480	1717	2200
The Aſſyrian Monarchy by Nimrod	2665	1960	2048
The Birth of Abraham	2714	2009	1999
Joſeph ſold into Egypt	2986	2281	1728
The Iſraelites 400 Years Servitude in Egypt	2819	2114	1894
The Kingdom of Argos founded by Inachus	2857	2152	1856
The Birth of Moſes	3143	2438	1571
The Kingd. of Athens founded by Cecrops	3157	2452	1556
The Iſraelites Departure out of Egypt	3219	2514	1494
Their Entrance into Canaan, or the Jubilee	3258	2553	1455
The Deſtruction of Troy	3530	2825	1183
The firſt Sabbatical Year	3260	2557	1451
The Jewiſh High Prieſthood	3300	2603	1405
The Reign of King David	3646	2941	1067
The Foundation of Solomon's Temple	3698	2993	1015
The Varronian Epocha	3960	3197	811
The Catonian Epocha	3961	3198	810
The Epocha of Nabonaſſar	3966	3261	747
The Olympiads	3938	3233	775
The Building of Rome	3962	3257	751
The Deſtruction of the Kingdom of Iſrael	3992	3287	721
The Beginning of Nebuchadonoſor	4105	3300	708
The Babyloniſh Captivity	4108	3302	706
The Deſtruction of Solomon's Temple	4126	3421	587

	Julian Period	Anno Mundi	Ante Chriſt.
Daniel delivered from the Den of Lions	4176	3470	538
The Temple of Jeruſalem rebuilt -	4198	3488	520
Cyrus the Founder of the Perſian Monarchy	4178	3472	536
The Regifugium Epocha - - - -	4205	3500	508
The Battle at Marathon - - - -	4223	3517	491
Xerxes's Defeat at the Battle or Salamis	4234	3528	480
The Beginning of the Peloponneſian War	4281	3575	433
Meto the Athenian began his Cycle -	4282	3576	432
Daniel's 70 Weeks of Years began -	4269	3564	444
The Beginning of the Callippick Period	4383	3677	331
The Death of Alexander - - - -	4390	3684	324
The Grecian Epocha of the Seleucida	4402	3695	312
The Æra of the Aſmoneans or Maccabees	4548	3841	166
The Epocha of Simon - - - - -	4570	3865	143
The Julian Epocha, or Correct Callend.	4669	3962	46
The Beginning of the Reign of Herod	4677	3970	37
The Spaniſh Æra - - - - -	4676	3969	36
The Battle of Actium - - - -	4683	3976	31
The taking of Alexandria - - -	4684	3977	30
The Epocha of the Title of Auguſtus -	4687	3980	27
The true Birth of CHRIST - -	4710	4005	4
The Vulgar or Dionyſian Years of Chriſt	4714	4009	Anno Chriſti
The Paſſion or Death of Chriſt - -	4746	4041	33
The Deſtruction of Jeruſalem - -	4783	4078	70
The Diocleſian or Æra of Martyrs -	4997	4292	284
The Diocleſian Perſecution - - -	5015	4310	302
The Epocha of Conſtantine the Great	5019	4314	306
The Council of Nice - - - - -	5038	4333	325
The Encænia of Conſtantinople - -	5043	4338	330
Phocas makes Pope Boniface Head of the Church - - - - - -	5319	4614	606
Mahomet broaches his Impoſture at Mecca	5321	4616	608
The Epocha of the Hegira - - -	5335	4630	622
The Epocha of Yeſdejerd - - - -	5345	4640	632
Ths Jellalæan or Gelælæan Epocha -	5792	5087	1079
The Epocha of the Reformation - -	6230	5525	1517
The Revolution effected by King William	6401	5696	1688
The Britiſh Epocha, or correct Kalendar	6465	5760	1752

A TABLE of the Riſing, Southing, and Setting of the Pleiades or Seven Stars, for every 5th Day in the Year, of excellent Uſe to find the Hour of the Night.

Days. Mon		Riſe h. m.	Squth h. m.	Sets. h. m.
January	1	oA28	8A45	5M 2
	6	0 6	8 23	4 40
	12	11 39	7 56	4 13
	17	11M17	7 34	3 51
	22	10 56	7 13	3 30
	27	10 35	6 52	3 9
February	1	10 15	6 32	2 49
	6	9 55	6 12	2 29
	12	9 31	5 48	2 5
	17	9 12	5 29	1 46
	22	8 52	5 9	1 26
	27	8 34	4 51	1 8
March	4	8 15	4 32	12 49
	9	7 56	4 14	12 30
	12	7 45	4 2	12 19
	17	7 27	3 54	12 1
	22	7 7	3 24	11A 41
	27	6 49	3 6	11 23
April	1	6 31	2 48	11 5
	6	6 13	2 30	10 47
	12	5 51	2 8	10 26
	17	5 33	1 50	10 7
	22	5 14	1 31	9 48
	27	4 55	1 12	9 29
May	2	4 37	0 54	9 11
	7	4 17	0 34	8 51
	12	3 58	0 15	8 32
	17	3 38	11M55	8 12
	22	3 18	11 35	7 52
	27	2 58	11 15	7 32
June	1	2 38	10 55	7 12
	6	2 18	10 35	6 52
	12	1 54	10 11	6 28
	17	1 32	9 49	6 6
	22	1 12	9 29	5 46
	27	12 51	9 8	5 25

Days Mon		Riſe h. m.	South h. m.	Sets h. m.
July	2	12M30	8M47	5 A 4
	7	12 10	8 27	4 44
	12	11 49	8 6	4 23
	17	11A29	7 46	4 3
	22	11 9	7 26	3 43
	27	10 49	7 6	3 23
August	1	10 30	6 47	3 4
	6	10 10	6 27	2 44
	12	9 48	6 5	2 21
	17	9 29	5 46	2 2
	22	9 10	5 27	1 44
	27	8 52	5 9	1 26
September	1	8 34	4 51	1 8
	6	8 16	4 33	0 50
	12	7 54	4 11	0 28
	17	7 36	3 53	0 10
	22	7 18	3 39	11M52
	27	6 58	3 16	11 33
October	2	6 40	2 57	11 14
	7	6 22	2 39	10 56
	12	6 4	2 21	10 31
	17	5 45	2 2	10 19
	22	5 26	1 43	10 0
	27	5 7	1 24	9 41
November	1	4 48	1 5	9 22
	6	4 28	0 44	9 2
	12	4 4	0 21	8 38
	17	3 43	0A 0	8 17
	22	3 23	11 40	7 57
	27	3 1	11 18	7 35
December	2	2 40	10 57	7 14
	7	2 18	10 35	6 52
	12	1 56	10 13	6 30
	17	1 34	9 51	6 8
	22	1 12	9 29	5 46
	27	0 50	9 7	5 24

A Table shewing the Semidiurnal Arch to every Degree of the Ecliptic, calculated for the Latitude 51°. 32'.

S. D.	♋ H. M.	♌ H. M.	♍ H. M.	♎ H. M.	♏ H. M.	♐ H. M.	S. D.
0	8 13	7 50	6 59	6 0	5 1	4 10	30
1	8 13	7 49	6 58	5 58	4 59	4 8	29
2	8 12	7 47	6 56	5 56	4 57	4 7	28
3	8 12	7 46	6 54	5 54	4 55	4 5	27
4	8 11	7 45	6 52	5 52	4 53	4 4	26
5	8 11	7 43	6 50	5 50	4 52	4 3	25
6	8 10	7 42	6 48	5 48	4 50	4 2	24
7	8 10	7 41	6 46	5 46	4 48	4 1	23
8	8 9	7 40	6 44	5 44	4 46	4 0	22
9	8 9	7 39	6 42	5 42	4 45	3 59	21
10	8 8	7 38	6 40	5 40	4 43	3 58	20
11	8 8	7 37	6 38	5 38	4 41	3 57	19
12	8 7	7 36	6 36	5 36	4 39	3 56	18
13	8 7	7 35	6 34	5 34	4 37	3 55	17
14	8 6	7 33	6 32	5 33	4 36	3 54	16
15	8 6	7 31	6 30	5 30	4 34	3 54	15
16	8 5	7 30	6 28	5 28	4 32	3 53	14
17	8 4	7 28	6 26	5 26	4 30	3 53	13
18	8 4	7 26	6 24	5 24	4 29	3 52	12
19	8 3	7 23	6 22	5 22	4 27	3 52	11
20	8 2	7 20	6 20	5 20	4 25	3 51	10
21	8 1	7 17	6 18	5 18	4 23	3 50	9
22	8 0	7 15	6 16	5 16	4 21	3 50	8
23	7 59	7 13	6 14	5 14	4 20	3 49	7
24	7 57	7 11	6 12	5 12	4 18	3 49	6
25	7 56	7 9	6 10	5 10	4 16	3 48	5
26	7 55	7 7	6 8	5 8	4 15	3 48	4
27	7 54	7 5	6 6	5 6	4 13	3 48	3
28	7 53	7 3	6 4	5 4	4 12	3 47	2
29	7 52	7 1	6 2	5 2	4 11	3 47	1
30	7 51	6 59	6 0	5 1	4 10	3 47	0
	♊	♉	♈	♓	♒	♑	

N. B. In the Kalendar Part you will find the Planets Southing inserted to several Days in each Month; and by this Table you may easily find their Rising and Setting: First find the Longitude for the Day proposed, with which enter this Table, and take out the Semidiurnal Arch thereof, which being added to the Time of Southing, gives the Setting, but substracted the Rising.

Of the Eclipſes that will happen in this Year 1774.

WITHIN the compaſs of this year, the greater luminary the Sun will be twice eclipſed, and both of them nearly central, the one of them before his apogee, and the other after it, conſequently we cannot expect the Moon to be eclipſed at all untill the year following. This account of the Eclipſes, with the time of their happening, with ſome other remarks following, are as they were tranſmitted to me by my aſtronomical friend Mr. H. Andrews, teacher of the mathematics at Royſton in the county of Hertford, with whom youth may be commendably boarded at very reaſonable rates.

The firſt of theſe Solar Eclipſes happeneth upon Saturday March the 12th, near our 10 in the forenoon; but it will be inviſible to us in England, if the Sun ſhine ever ſo clear by reaſon of the Moon's Parallax, tho' ſhe has North latitude, yet it is ſo ſmall that her parallax will depreſs her too low for us Europeans to have a ſight of it, but in more Southern ſituations it will be a very great Eclipſe, for in ¼ degree of South latitude, and 30 ¼ degree Eaſt longitude from London, the Sun will be central and annular eclipſed on the meridian, viz. at their noon day.

The ſecond and laſt of theſe Eclipſes, which is alſo inviſible to theſe parts of the globe, happens on Tueſday the 6th of September, about our 2 in the morning, in latitude of 9 degrees North, and 150 ½ degrees Eaſt from London, the Sun will be annular and centrally eclipſed on the meridian at 58′ paſt our 1 o'clock in the morning. And along the track of central appearance, which happens among the Phillipine iſlands in the pacific ocean in Aſia, and parts adjacent, inſtead of an aſtoniſhing gloomy darkneſs, the ſpectators will be entertained with a ſplendid ring of light, encompaſſing the Moon's dark body on every ſide.

Other

Other cœleſtial Appearances in this Year 1774.

He (that is, the above H. Andrews, at Royſton) adds alſo that the nodes of the Moon are ſo poſited as to make her, in theſe Northern latitudes, obſcure from it's beholders, that notable ſtar called Aldebaran (it is a fiery red ſtar near the ſeven ſtars) vulgarly the Bull's South eye at every appulſe to that ſtar. Of theſe appulſes three will be viſible to us, if the air prove ſerene and favourable The firſt of theſe occultations happens on Saturday the 22d of January, at 17 minutes paſt 4 in the evening, the ſtar will juſt touch the Eaſtern limb of the Moon, and at 31 minutes paſt 5 will again appear on the contrary ſide, after having being hid 1 hour and 14 minutes. The ſecond happens on Thurſday April the 14th in the evening, the ſtar touches the Moon at 10 minutes paſt 6, and will again appear on the other ſide at 18 minutes paſt 7, after having been hid 1 hour 8 minutes. The 3d happens on Friday the 18th of November in the evening, the ſtar touches the Moon at 51 minutes paſt 5, and will appear again on the other ſide at 48 minutes paſt 6, after having been hid 57 minutes. On Sunday May the 8th there happens a famous and beautiful occultation of the planet Mercury by the Moon, this conjunction is worth the notice of the curious, for tho' it is in the day-time, it may be diſcovered with a tolerable good teleſcope of no more than 4 or 5 feet in length, if the air be clear, the immerſion will be 37 minutes paſt 7 in the morning, and the emerſion at 13 minutes paſt 8, ſo that Mercury will be covered by the Moon 35 minutes, and this planet being near his greateſt elongation from the Sun, makes it an occultation worthy the obſervation of the curious aſtronomer.

ADVERTISEMENT.

At Royſton in Herts, youth may be commendably boarded and taught with the utmoſt care and expedition, *viz.* the Engliſh language, writing in all the moſt uſeful hands, arithmetic both vulgar and decimal, with its application to trade and commerce, book-keeping, &c. menſuration

menſuration of plain ſuperficies and ſolids, guaging in all the beſt methods, geometry, trigonometry both plain and ſpherical, navigation in theory and practice, aſtronomy and geography, the uſe of the globes, maps and ſea charts, &c. by H. Andrews—N. B. His terms are from 10*l.* to 14*l.* *per Ann.* a guinea entrance; he furniſhes gentlemen as uſual and others with weather glaſſes.

Judicium aſtrologicum pro anno 1774.

And firſt of the Brumal or Winter Quarter.

The winter quarter begins when the Sun touches the firſt ſcruple of Capricorn, and that is this year on the 21ſt of December at 57 minutes before noon, Anno 1774, at which time 17 degrees of Sagitary culminates, and 28 degrees of Aquary aſcends in the Eaſt. There is no great matter to be expected from this ingreſs, eſpecially of good nature and humanity amongſt mankind. Saturn poſſeſſeth the ſeventh houſe, hath lately been in ſquare to the Sun lord of the 7th, and is in ſquare to Mercury in the medium cœli. This ſhews much ſtrife and debate among the great men of ſeveral nations about rights, priviledges; and the Moon, who repreſents the common ſort of people, is in ſquare to Mars at the ingreſs, and in the preventional new Moon is in ſquare to Saturn, and at the poſtventional full Moon is in oppoſition of Saturn. Theſe poſitions in the general thoroughly conſidered will afford matter enough for me to comment upon for this Winter Quarter; and, to be plain, they are moſtly of a previous and quarrellous tendency; for the ſquare of Jupiter and Mars from cardinal ſigns threatens the countries ſignified thereby with treaſon, rebellions, mutinies, falſhoods, perjuries, violations, or breach of leagues, or ſeemingly firm agreements, and I ſincerely wiſh that thoſe things do not happen too near us; and certainly the ſquare of the Sun and Jupiter puſhes forward the effects, and that many private differences will ariſe in this and ſome neighbouring countries; as houſebreaking, the roads diſturbed with highwaymen, duelling, &c. and likewiſe I expect to hear of various reports, ſome true, ſome falſe, but none very material.

rial. My advice upon the whole is, that all men would heartily endeavour, and ſtudy to promote peace and rules of good living, while time and opportunity gives them leave, vitæ finem protende: de craſtino haud ullus ſecurus. Thus is the Winter quarter (according to aſtral cauſes) likely to prove, or to this purpoſe, for the ſtars do not ſpeak words, tho' I know this noble and divine ſcience hath many adverſaries, and ſome learned too, but theſe are of that ſtamp that raſhly condemn what they never underſtood, nor ever took the pains to know; but the learned Dr. Swadling was of a contrary temper, tho' he was ſometime an enemy to this ſcience, yet when he had made a thorough enquiry, he gave his vote for it, as it is in his Divinity, fol. 18, and 19. and theſe are his words, viz.

" Many things I heretofore did believe againſt aſtrology " and was perſuaded thereunto from its name, root, and " end. But upon a juſt examination, I retract, becauſe " I find the aſtrologer is neither an inchanter, witch or " dealer with familiar ſpirits, nor yet meddle with magiſ " demoniaca, and other magia I read of none, but what " is called divina, mathematica, or phyſica, none of " which I conceive will any wiſe man ſay is unlawful, and " therefore I give my vote for the legality of aſtrology, and " the reaſons that induce me hereunto, are the ſame, the " very ſame, which perſuaded me to the contrary.

" Firſt, their name, the Hebrews call the ſtars Maſſaloth, " of Nazal, which ſignifies influere, and the Rabbins call " them Meharim of Sheret, which ſignifies miniſtrare, " whence that axiom allowed by all men, aſtra non neceſ- " ſitant, ſed inclinant. And therefore by the Stars may " the Aſtrologer predict men's inclinations and manners, " which if good may be heightned by an holy ambition, if " bad may be prevented by good education.

" Secondly the root, it was not idolatry but obedience, " upon which this Cyon was grafted, when the tree was " almoſt withered, it was not idolatry but innocence: " Adam in Paradiſe was the father of this art. and had he " as well obſerved the Star of knowledge for the direction " of his will, as the tree of knowledge for the pleaſing of " his fancy, he had not been baniſhed. Abraham the

" friend

" friend of God and father of the faithful was no ſtep fa-
" ther to aſtrology, if we believe antiquity. It was not
" idolatry but wiſdom from which this art got life, after
" it had long lay bleeding. Solomon the wiſeſt of men,
" was the beſt aſtrologer the world ever trained, and why
" were the prieſt of Egypt forbid the ſtudy of all other
" arts, and yet permitted to ſtudy aſtrology. And why do
" the Arabicks call their aſtrologers Chachin, which comes
" of Cohn, which ſignifies a prieſt; ſurely it is to tell
" the aſtrologer, that tho' the preſbyter were his enemy,
" yet the prieſt may be his friend, and allow his art law-
" ful, not only for the root of it, but alſo thirdly, for the
" end of it, which cannot be injurious to God, becauſe
" the aſtrologer confeſſeth," ſapiens dominabitur aſtris.
So far the learned Dr. and Mr. Caryl tell us, that it is our duty to ſtudy the heavens, and to be acquainted with the ſtars. Hence it plainly appears that in aſtrology there is nothing contrary but conſonant to divinity and to the holy ſcriptures.

Which brings me to conſider the Spring Quarter.

Which takes it's beginning, according to my tables, on Sunday the 20th of March, at 53 minutes afternoon, at which time 7 degrees aſcends on the Eaſtern ſinitor, and 15 degrees of Aries on the cuſp of the medium cœli and Saturn is poſited in 27 degrees of Virgo in the 3d retrograde has lately been in oppoſition with the Sun, and preſently after the ingreſs is in the ſame aſpect with Mars, and Jupiter is on the cuſp of the medium cœli, and Mars on the cuſp of the 9th, the Sun, Venus and Mercury in the 9th, and the Moon on the cuſp of the 12th, is departing from the ſquare of the Sun, and applying to the ſquare of Venus, and ſquare of Jupiter, trine of Mars, and ſquare of Mercury. Thus we are given to underſtand, how the heavenly bodies are poſited at the time of this ingreſs, and how they are gently inclining the minds and diſpoſitions of moſt people in theſe and ſome other countries to peace, love, and unity; tho' the common people have ſtill ſome grumblings not yet quite rubbed out, and yet there are ſtill abroad troubleſome debates, ſtrugling and contending intereſts, in which I fear the king of Poland will yet be a further ſufferer,

ferer, and ſome other Northern crowns want ſtill a better underſtanding, and yet (with good reaſon) I am perſuaded we ſhall not be long before we hear of ſome alterations in theſe affairs for the better, *viz.* that propoſals are made for the accommodation of differences ſtill depending both in church and ſtate, and as for our domeſtic affairs in the main, they proceed in good order. The Summer proves moderate and ſeaſonable, producing a good and healthful ſeaſon. The ſeas freed from pyracies of thoſe we moſtly feared, and the merchants proſper, tho' I fear the roads will be diſturbed in ſeveral parts of this kingdom houſe-burning, duelling, &c. The next thing I ſhall take notice of is the oppoſition of the two infortunes in Virgo and Piſces; it will affect ſome parts of Italy and Ruſſia and France with a ſpring diſeaſe, as a Diſorder in the bowels proceeding from cold, neither do I expect our own nation to be free from diſtempers of that kind, ſo I conclude my judgment of this Quarter with this poetical ſtanza,

Phœbus, heaven's glorious lamp with warming rays,
Returning ſhortens nights and lengthens days;
Each plant (but late cover'd o'er with ſnow)
Does from it's warmth prolific virtue know.
All things revive, and from the teeming earth
Each ſeed enclos'd receives it's happy birth.
The ſap confin'd no longer in the root,
Upwards aſcends, and every bud does ſhoot,
Bloſſoms prognoſtic to rich Autumn's fruit.
With verdant robes are all the woods array'd,
Almighty power in Nature's works diſplay'd.
The warbling birds their panegyrics ſing,
And welcome with melodious notes the ſpring:
Whilſt choice variety of lovely flow'rs,
Spread by continued warmth and gentle ſhowers.
Thus the revolving Sun each year doth bring,
(In courſe) the choice productions of the ſpring.
Which are by Summer's and kind Autumn's heat,
At length perfected, and at length compleat.
The fruit is ripened and laborious ſwains
Reap a rich crop in harveſt for their pains.
Then comes cold Winter, which an emblem brings,
Of the viciſſitude of earthly things.

Then

All things in courſe are chang'd, what to day,
We have, to morrow's vaniſhed away.

Of the SUMMER Quarter.

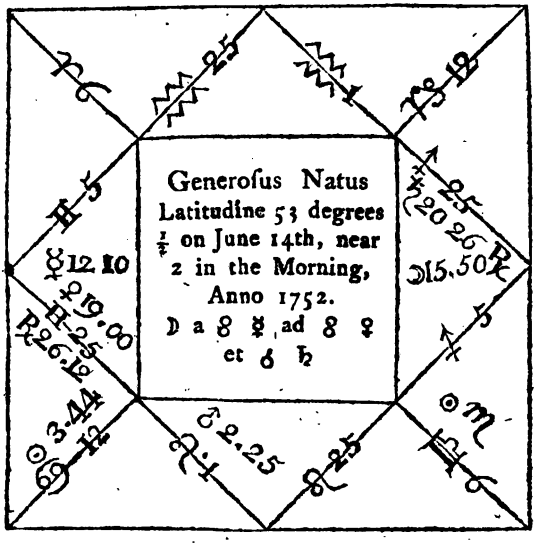
Which begins when the Sun enters the tropical ſign of Cancer, which happens this year according to my tables on Tueſday the 21ſt of June at 10 min. paſt 11 in the forenoon, making the longeſt day and ſhorteſt night to all people on this ſide the Equator, at the time of the ingreſs the poſition and face of heaven is as follows. The midheaven is 19 degrees of Gemini, and the aſcendant is 22 degrees of Virgo, with Saturn on the cuſp juſt riſen into the 12th, the Sun and Mercury in the 10th, Mars and Venus in the 9th, Jupiter in the 8th, and the Moon in the 2d. There is not any thing conſiderable to be expected from this ingreſs relating to the publick and ſtate affairs of the world: what is of that nature will not be viſible till the end of July or Auguſt; and then we ſhall have news from Italy, either the Pope in danger, or the death of a fat Cardinal, rumours out of the North of diſturbance in Poland eſpecially the South part of it: news from Livonia and Sweedland and alſo ſome nearer home, even from Ireland, and this about religion, as well as ſome of thoſe in the North. I pray God give a good iſſue and concluſion to theſe affairs, that may be for the good of his people and the proteſtant religion in all parts of the world, for at this time there are many hands and heads at work to deſtroy it if poſſible. The laſt thing I ſhall obſerve in this ingreſs is the conjunction of Jupiter and Venus near the cuſp of the 9th, with the Moon in the 3d, and her ſeparation from the one and application to the other; this doth promiſe ſafe and ſucceſsful voyages to the induſtrious ſailors, and good profitable returns to merchants during this ingreſs, which God grant.

The Autumnal Quarter begins this year the 22d of September at 38 min. paſt midnight, 3 degrees of Leo are on the horizon, and 9 degrees of Aries are on the medium cœli. Jupiter is on the cuſp of the 11th and Mars is in the 12th near the cuſp of the aſcendent. But the only untoward and malignant poſition in the ſcheme is the conjunc-

tion

tion of the Sun, Saturn and Mercury in the very end of Virgo, and the beginning of Libra in the third an obſcure houſe. And indeed this conjunction will in the main influence the whole quarter, and I doubt a little beyond it, even the whole Winter ſeaſon, it will prove of very ill conſequence to ſome people to whom it relates, &c. but the malignity will depend on ſome former configurations, and affect thoſe that are afflicted with it in their heads, bowels, and ſtomachs. I expect the diſeaſes incident to this quarter are melancholy, gripes, Phelegms, quotidian fevers, coughs, conſumptions and ſuch like; but bleſſed be God the ſtars ſeem friendly to Great Britain, and ſome part of the low countries, in ſhort things would in the main ſucceed well, and if pride, faction, deſigning, tricking and cheat were not too much practiſed amongſt us, we might ſtill hope God would continue his mercies of peace and plenty to us and ſucceeding ages, Amen.

If you look into my laſt annual book you will there find that I printed a gentleman's nativity, and I dare ſay gave him abundant ſatisfaction in it, or at leaſt in a letter that I ſent him, or elſe he would not have returned me the favour he did, tho' notwithſtanding the labour was really worthy the premium; but I am bold to ſay there are but few perſons in the kingdom that knows or can perform the true Ptolemean way of calculating a nativity, nor neither will they be at the pains to do it. And now before I conclude my book I will give you another, viz. the nativity of a young man born in the latitude of about 53 degrees and $\frac{1}{2}$, who has had a liberal education, and has a ſurprizing genius, and has according to natural cauſes a conſiderable courſe of life and fortune to run in the world, and moreover I dare ſay will make a great advancement beyond the reaſonable expectance at his beginning, and ſo without any further heſitation, I will give you the figure of the eſtimate time of his birth according as he ſent it me.



At *Goadby* near *Melton Mobray* in *Leiceſterſhire*, young Gentlemen and others may be commendably boarded with *Thomas Wright*, and may be taught by him with the utmoſt care and expedition, both the Engliſh, Latin and Greek grammars, with the Claſſicks: and with Aſſiſtants, the following parts of the Mathematicks, viz. Geometry, Algebra, Trigonometry, Navigation, Aſtronomy, Dialling the Uſe of the Globes and other Mathematical Inſtruments. Letters poſt paid will be duely anſwered.

Truely prepared and ſold at *Pickworth* in the County of *Rutland*, by Mrs. *Smith*, the wife of Mr. *Thomas Smith*, and firſt couſin to the late ingenious *Tycho Wing*, Gent. The genuine, and as far as art can preſcribe, an infallible medicine for all ſorts of agues, whether Quotidian or other day Ague or Tertian, or Quartan or any other.

N. B. This medicine has been ſold by the family for many years paſt, and has done numbers of cures when other remedies have failed.

Parker's
EPHEMERIS
For the YEAR of Our LORD
1774.

Being the Second after BISSEXTILE or LEAP-YEAR.

The EIGHTY-FIFTH IMPRESSION.

LONDON,
Printed by J. EMONSON, for the Company of
STATIONERS.
[Price NINE-PENCE Stitched.]

A Table of Terms and their Returns. 1774.

Hilary Term begins *Jan.* 24. ends *Feb.* 12.

Returns or Eſſoign Days		Exc	Oct	Ap.	W. D.
In eight Days of St. *Hilary*,	*Jan.* 20	21	22	24	Mond.
From the Day of St. *Hilary* in 15 Days,	27	28	29	31	Mond.
On the Morrow of the Purif. Bleſſed *Mary*,	*Feb.* 3	4	5	7	Mond.
In eight Days of the Purif. of Bleſſed *Mary*,	9	10	11	12	Saturd

Eaſter Term begins *April* 20, ends *May* 16.

From the Day of Eaſter in 15 Days,	*April* 17	18	19	20	Wedn.
From the Day of Eaſter in 3 Weeks,	24	25	26	27	Wedn.
From the Day of Eaſter in 1 Month,	*May* 1	2	3	4	Wedn.
From the Day of Eaſter in 5 Weeks,	8	9	10	11	Wedn.
On the Morrow of the Aſcenſion,	13	14	15	16	Mond.

Trinity Term begins *June* 3. ends *June* 22.

On the Morrow of the Holy Trinity,	*May* 30	31	J. 1	3	Friday
In eight Days of the Holy Trinity,	*June* 5	6	7	8	Wedn.
In fifteen Days of the Holy Trinity,	12	13	14	15	Wedn.
In three Weeks of the Holy Trinity,	19	20	21	22	Wedn.

Michaelmas Term begins *Nov.* 7. ends *Nov.* 28.

On the Morrow of All Souls,	*Nov.* 3	4	5	7	Mono.
On the Morrow of St. Martin,	12	13	14	15	Tueſ.
In eight Days of St. Martin,	18	19	20	21	Mond.
In fifteen Days of St. Martin,	25	26	27	28	Mond.

N. B. No Sittings in *Weſtminſter-Hall* on Aſcenſion-day, Midſummer-day, and the 2d of *February*.

The *Exchequer* opens eight Days before any Term begins, except Trinity, before which it opens but four Days.

Note, That the firſt and laſt Days of every Term, are the firſt and laſt Days of Appearance.

Common Notes for the Year 1774.

Golden Number	8
Cycle of the Sun	19
The Epact	17
Dominical Letter	A
Number of Direction	13
Roman Indiction	7

[illegible]y [illegible] XXXI Days.

Last quart. 5 day at 6 night.
New moon 12 day at 9 morn.
Firſt quart. 19 day at 3 aftern.
Full moon 27 day at 7 night.

M D	Sundays and Saints Days, &c.	Moon South.	Moon riſes.
1	Circumciſion	a M18	8 A 1
S 2	Sund. aft Chriſt	3 3	9 5
3		3 51	10 15
4		4 39	11 26
5	Old Chriſt. Day	5 27	Morn.
6	Epiphany.	6 17	0 39
7		7 10	1 53
8	Lucian	8 3	3 9
S 9	Sund. aft Epiph.	9 0	4 22
10	Plow Monday	10 0	5 33
11		11 2	6 35
12	Old N. Year's Day	0 A 4	☽ ſets
13	Cam. Term beg.	Hilary.	5 A58
14	Oxf. Term beg	1 56	7 12
15		2 47	8 24
S 16	Sund. aft Epiph.	3 35	9 35
17	Old Twelfth Day	4 21	10 43
18	Q. Cha. B. D. kept	5 7	11 48
19		5 52	Morn.
20	Fabian	6 37	0 53
21	Agnes	7 20	1 54
22		8 6	2 52
S 23	Sund. aft Epiph.	8 52	3 49
24	Term begins.	9 40	4 44
25	Conver. St. Paul	10 28	5 32
26		11 16	6 15
27	Pr. Aug. Fred. bo.	Morn.	☽ riſes
28		0 5	5 A40
29		0 53	6 47
S 30	Septuageſ. Sund.	K. Cha. I. Mart.	
31		2 29	9 8

February XXVIII Days.

Last quart. 4 day at 3 morning.
New moon 10 day at 9 night.
Firſt quart. 18 day at noon.
Full moon 26 day at 11 morn.

M D	Sundays and Saints Days, &c.	Moon South.	Moon riſes
1		3 M17	10 A20
2	Puri. B. V. Mary	4 6	11 34
3	Blaſe	4 57	Morn.
4		5 50	0 48
5	Agatha.	6 45	2 0
S 6	Sexag. I. Sund.	7 42	3 11
7		8 41	4 16
8		9 40	5 12
9		10 38	6 0
10		11 35	☽ ſets
11		0 A31	5 A55
12	Term ends.	1 20	7 4
B	Shrove Sunday	Old Candl. Day	
14	Valentine	2 55	9 28
15	Shrove Tueſday	3 41	10 33
16	Aſh Wedneſday	4 27	11 36
17		5 13	Morn.
18		5 58	0 38
19		6 45	1 34
S 20	1 Sund. in Lent.	7 32	2 28
21		8 20	3 25
22		9 9	4 9
23	Ember Week	9 57	4 50
24	St. Matthias	10 46	5 27
25		11 35	5 49
26		Morn.	☽ riſes
B 27	2 Sunday in Lent	0 24	6 A56
28		1 14	8 9

Spoken in a CHURCH-YARD.

" Struck with religious Awe, and ſolemn Dread,
" I view theſe gloomy Manſions of the Dead:
" Around me Tombs in mixt Diſorder riſe,
" And in mute Language teach me to be wiſe.

March XXXI Days.

Laſt quart. 5 day at 10 morning.
New moon 12 day at 10 morn.
Firſt quart. 20 day at 9 morning
Full moon 27 day at 11 night.

M D	Sundays and Saints Days, &c.	Moon South	Moon riſes.
1	David	2M 4	9 A22
2	Chad	2 55	10 38
3		3 48	11 52
4		4 43	Morn.
5		5 4c	1 5
B 6	Sunday in Lent	6 36	2 11
7		7 33	3 9
8		8 31	3 57
9		9 27	4 40
10		10 21	5 16
11		11 14	5 57
12	Gregory	0 A 4	☽ ſets
B 13	Midlent Sunday	0 52	7 A15
14		1 38	8 21
15		2 24	9 25
16		3 11	10 29
17	St. Patrick	3 58	11 31
18	Edw. K. W. Sax.	4 45	Morn.
19		5 31	0 29
B 20	Sunday in Lent	6 18	1 22
21	Benedict.	7 6	2 7
22		7 54	2 52
23		8 43	3 30
24		32	4 3
25	Lady Day	Cam Term ends	
26	Oxf. Term ends	11 11	5 3
B 27	Palm Sunday	Morn.	☽ riſes
28		0 2	7 A15
29		0 54	8 30
30		1 48	9 47
31	Maund. Thurſday	2 44	11 2

April XXX Days.

Laſt quart. 3 day at 5 afternoon.
New moon 10 day at midnight.
Firſt quart. 19 day at 3 morning.
Full moon 26 day at 10 morning

M D	Sundays and Saints Days, &c.	Moon South.	Moon riſes.
1	Good Friday	3M42	Morn.
2		4 39	0 13
B 3	Eaſter Day	Richard	1 12
4	Monday	6 36	2 5
5	Tueſday	Old Lady Day	
6		8 25	3 25
7		9 16	3 57
8		10 5	4 26
9		10 52	4 51
B 10	Low Sunday	11 38	5 15
11		0 A26	☽ ſets
12		1 12	8 A25
13	Ox. & Cam. T. beg	1 58	9 27
14		2 45	10 27
15		3 32	11 22
16		4 20	Morn.
B 17	2 Sund. aft. Eaſter	5 7	0 12
18		5 54	0 56
19	Alphege	6 42	1 34
20	Term begins	7 30	2 10
21		8 18	2 41
22		9 7	3 9
23	St. George	9 57	3 37
B 24	3 Sund. aft. Eaſter	10 48	4 3
25	St. Mark	11 42	4 32
26		Morn.	☽ riſes
27		0 38	8 A49
28		1 36	10 3
29		2 35	11 12
30		3 36	Morn.

" Time was theſe Aſhes liv'd—a Time muſt be
" When others thus may ſtand—and look at me;
" Alarming Thought! no wonder 'tis we dread
" O'er theſe uncomfortable vaults to tread,

May XXXI Days.

Last quart. 2 day at midnight.
New moon 10 day at 3 afternoon.
First quart. 18 day at 7 aftern.
Full moon 25 day at 5 aftern.

M D	Sundays and Saints Days, &c.	Moon South.	Moon rises.
B	4 Sund. aft. Easter	St. Phil. & Jac.	
2		5M 33	0M 56
3	Inv. of the Cross	6 27	1 36
4		7 20	2 9
5		8 9	2 37
6	St. John A. P. L.	8 56	3 3
7		9 41	3 27
B	Rogation Sunday	10 26	3 51
9		11 10	4 17
10		11 54	☽ sets
11		0 A 44	8 A 24
12	Holy Thursday	Old May Day	
13		2 18	10 11
14		3 6	10 58
B	6 Sund. aft. Easter	3 53	11 39
16	Term ends	4 40	Morn.
17		5 27	● 14
18		6 12	0 45
19	Q. Charlotte born	Oxf. Term ends	
20		7 47	1 38
21		8 36	2 5
B	Whit Sunday	Prs. Eliz. born.	
23	Monday	10 22	3 0
24	Tuesday	11 19	3 33
25	Ember Week	Morn.	☽ rises
26	Augustin	0 18	8 A 54
27	Ven. Bede	1 20	9 58
28		2 23	10 52
B	Trinity Sunday	K. Ch. II. Rest.	
30		4 20	Morn.
31		5 14	0 11

June XXX Days.

Last quart. 1 day at 8 morning.
New moon 9 day at 6 morning.
First quart. 17 day at 7 morning.
Full moon 23 day at midnight.
Last quart. 30 day at 7 night.

M D	Sundays and Saints Days, &c	Moon South.	Moon rises.
1	Oxf. Term begins	Nicomede	
2	Corpus Christi	6M 54	1M 6
3	Term begins	7 40	1 31
4	K. Geo. III. born	8 25	1 55
B	1 Sund. aft. Trin	Pr. Ern. Aug. b.	
6		9 54	2 48
7		10 38	3 16
8		11 24	3 48
9		0 A 13	☽ sets
10	Prs. Amelia born	1 2	8 A 54
11	St. Barnabas	1 46	9 35
B	2 Sund. aft. Trin.	2 33	10 12
13		3 20	10 45
14		4 7	11 15
15		4 54	11 40
16		5 41	Morn.
17	St. Alban	6 27	0 6
18		7 14	0 31
B	3 Sund. aft. Trin.	8 4	0 57
20	Tr. Ed. K. W. Sax.	8 57	1 25
21	Longest Day	9 54	1 59
22	Term ends	10 55	2 39
23		11 56	3 28
24	St. John Baptist	Morn.	☽ rises
25		0 59	9 A 23
B	4 Sund. aft. Trin.	2 0	10 4
27		2 57	10 37
28		3 52	11 6
29	St. Peter	4 43	11 31
30		5 31	11 57

"Where blended lie the Aged and the Young,
"The Rich and Poor an undiſtinguiſh'd Throng,
"Death conquers all, and Time's ſubduing Hand
"Nor Tombs, nor Marble Statues can withſtand.

July XXXI Days.

New moon 8 day at 9 night.
First quart. 16 day at 5 aftern.
Full moon 23 day at 7 morning.
Last quart. 30 day at 8 morning.

M D	Sundays and Saints Days, &c.	Moon South.	Moon rises.
1		6M17	Morn.
2	Visit. B.V. Mary	7 2	0 21
B 3	Sund. aft Trin.	7 48	0 47
4		8 33	1 14
5	Camb. Commene.	Old Midf.	Day
6		10 4	2 18
7	Thomas à Becket	10 50	3 0
8	Cam. Term ends	11 36	☽ sets
9		0 A26	8 A11
B 10	Sund. aft. Trin.	1 13	8 44
11	Oxford Act	1 59	9 14
12		2 46	9 41
13		3 32	10 5
14		4 18	10 30
15	Swithin	5 4	10 54
16	Oxfor. Term ends	5 52	11 21
B 17	Sund. aft. Trin.	6 43	11 51
18		7 37	Morn.
19		8 34	0 29
20	Margaret V. & M.	9 33	1 11
21		10 35	2 4
22	♀ Denmark born	St. Mary	Mag.
23		Morn.	☽ rises
B 24	Sund. aft. Trin.	0 37	8 A31
25	St. James	1 34	9 3
26	St. Anne	2 28	9 31
27		3 19	9 58
28		4 8	10 23
29		4 55	10 48
30	Dog Days begin	5 41	11 14
B 31	Sund. aft. Trin.	6 27	11 43

Auguſt XXXI Days.

New moon 7 day at noon.
First quart. 14 day at midnight.
Full moon 21 day at 3 afternoon.
Laſt quart. 28 day at midnight.

M D	Sundays and Saints Days, &c.	Moon South.	Moon rises.
1	Lammas Day	7M12	Morn.
2		7 56	0 19
3		8 46	0 58
4		9 34	1 42
5		10 20	2 32
6	Transfiguration	11 7	3 28
B 7	Sund. aft. Trin.	11 54	☽ sets
8		0 A43	7 A46
9		1 29	8 11
10	St. Laurence	2 14	8 37
11	Pr. Brunſwick bo.	3 3	9 2
12	Pr. Wales born	Old Lamm	Day
13		4 40	9 57
B 14	Sund. aft. Trin.	5 32	10 30
15	Aſſump. B.V.M.	6 27	11 10
16	Pr. Fredrick born	7 24	11 55
17		8 23	Morn.
18		9 23	0 52
19		10 23	1 57
20		11 22	3 9
B 21	Sund. aft. Trin.	Pr. W. H. born	
22		0M16	☽ rises
23		1 10	8 A 2
24	St. Bartholomew	2 1	8 27
25		2 50	8 53
26		3 38	9 21
27		4 26	9 50
B 28	Sund. aft. Trin.	St. Auguſtine	
29	Decol. St. J. Bapt.	5 59	11 2
30		6 46	11 41
31		7 33	Morn.

" Around me as I turn my wand'ring Eyes,
" Unnumber'd Graves in awful Proſpect riſe,
" Whoſe Stones ſay only when their Owners dy'd,
" If young, or aged, and to whom ally'd.

September XXX Days.

New moon 6 day at 2 morning.
First quart. 13 day at 6 morning.
Full moon 20 day at 1 morning.
Last quart. 27 day at 7 night.

M D	Sundays and Saints Days, &c.	Moon South.	Moon rises.
1	Giles	8 M 20	0 M 30
2	London burnt	9 7	1 24
3	1666, O. S.	9 54	2 25
B	14 Sund. aft. Trin.	10 42	3 27
5		11 29	4 32
6		0 A 19	☽ sets
7	Dog Days end	1 7	7 A 15
8	Nativ. B. V. M.	1 55	7 41
9		2 45	8 9
10		3 37	8 40
B	15 Sund. aft. Trin.	4 31	9 16
12		5 27	10 1
13		6 24	10 52
14	Ember Week	Holy Cross Day	
15		8 20	Morn.
16		9 17	1 2
17	Lambert	10 13	2 15
B	16 Sund. aft. Trin.	11 6	3 29
19		11 58	4 44
20		Morn.	☽ rises
21	St. Matthew		
22	K. Geo. III. crow.	1 37	7 A 29
23		2 25	7 58
24		3 12	8 30
B	17 Sund. aft. Trin.	3 59	9 8
26	St. Cyprian	4 47	9 46
27		5 35	10 32
28		6 23	11 22
29	St. Michael	Pr Ch. Aug. be.	
30	St. Jerome	7 57	0 M 18

October XXXI Days.

New moon 5 day at 5 afternoon
Firſt quart. 12 day at noon.
Full moon 19 day at 2 aftern.
Laſt quart. 27 day at 3 afternoon

M D	Sundays and Saints Days, &c.	Moon South.	Moon rises.
1	Remigius	8 M 44	1 M 2
B	18 Sund. aft. Trin.	9 32	2 2
3		10 19	3 3
4		11 7	4 4
5		11 56	☽ set
6	Faith	0 A 47	6 A 1
7		1 40	6 4
8		2 34	7 2
B	19 Sund. aft. Trin.	3 31	8
10	Ox. & Cam. T. beg.	Old Mich.	Da
11		5 25	9 5
12		6 23	11
13	Tr. K. Edw. Conf.	7 19	Morn.
14		8 14	0
15		9 8	1 2
B	20 Sund. aft. Trin.	9 59	2 3
17	Etheldred	10 48	3 5
18	St. Luke	11 37	5
19		Morn.	☽ rise
20		0 25	6 A
21		1 12	6 3
22		1 59	7
B	21 Sund. aft. Trin.	2 47	7 4
24		3 35	8 3
25	K. Geo. III. Inau.	Crispin	9 1
26	K. Geo. III. Proc.	5 10	10 1
27		5 57	11 1
28	St. Simon & Jude	6 43	Morn
29		7 30	0 1
B	22 Sund. aft. Trin.	8 16	1 1
31		9 2	2 2

"On others pompous Epitaphs are ſpread,
"In Mem'ry of the Virtues of the Dead;
"Vain waſte of Praiſe! ſince flatt'ring or ſincere
"The Judgment-day alone will make appear.

November XXX Days.

New moon 4 day at 3 morning.
First quart. 10 day at 7 night.
Full moon 18 day at 6 morning.
Last quart 26 day at 11 morn.

M D	Sundays and Saints Days, &c.	Moon South.	Moon rises.
1	All Saints	9M49	3M36
2	Pr. Edward born	All Souls	
3		11 30	6 2
4		0 A26	☽ sets
5	Papists Conspir.	1 23	6 A 4
B	23 Sund. aft. Trin.	2 22	6 51
7	D. Cumberland bo.	Term begins	
8	Pr. Soph. Aug. bo.	4 21	8 53
9	Lord Mayor's Day at London.	5 18	10 2
10		6 14	11 14
11	Martinmas	7 7	Morn.
12		7 57	0 28
B	24 Sund. aft. Trin.	Britius	1 39
14		9 33	2 51
15	Machutus	10 20	4 3
16		11 6	5 10
17	Hugh Bp. Linc.	11 53	6 16
18		Morn.	☽ rises
19		0 40	5 A41
B	25 Sund. aft. Trin.	Edm. K. & M.	
21		2 14	7 9
22	Old Mart. Day	3 1	8 0
23	St. Clement	3 48	8 57
24		4 34	9 56
25	D. of Glouc. bo.	5 20	10 59
26		6 4	Morn.
B	Advent Sunday	6 49	0 4
28	Term ends	7 35	1 9
29		8 22	2 17
30	St. Andrew	9 11	3 32

December XXXI Days.

New moon 3 day at 2 afternoon.
First quart. 10 day at 5 morning.
Full moon 17 day at midnight.
Last quart. 26 day at 4 morning.

M D	Sundays and Saints Days, &c.	Moon south.	Moon rises.
1		10M 2	4M47
2		10 58	6 2
3		11 55	☽ sets
B	2 Sund. in Advent	0 A58	5 A25
5		2 0	6 28
6	Nicholas	3 0	7 37
7		3 59	8 52
8	Concept. B. V. M	4 54	10 6
9		5 46	11 22
10		6 34	Morn.
B	3 Sund. in Advent	7 21	0 33
12		8 8	1 43
13	Lucy	8 54	2 51
14	Ember Week	9 40	3 57
15		10 26	5 1
16	Cam. Term ends	11 12	6 3
17	Oxf. Term ends	11 59	7 1
B	4 Sund. in Advent	Morn.	☽ rises
19		0 45	5 A40
20		1 32	6 36
21	St. Thomas	Shortest Day	
22		3 5	8 35
23		3 50	9 38
24		4 35	10 43
B	Christmas Day	5 19	11 49
26	St. Stephen	6 3	Morn.
27	St. John Evang.	6 49	0 57
28	Holy Innocents	7 37	2 8
29		8 28	3 22
30		9 23	4 36
31	Silvester	10 22	5 51

" The Dead shall quit these Tenements of Clay,
" And view again the long extinguish'd Day;
" Chear'd with this pleasing Hope, I safely trust
" Jehovah's Pow'r to raise me from the Dust."

Of the Four Quarters of the YEAR 1774.

THE Spring Quarter begins on the 20th Day of March, 44 Minutes paſt Noon.

The Summer Quarter begins June the 21ſt, 1 Minute paſt 11 in the Morning.

The Autumnal Quarter begins September the 22d, 28 Minutes paſt Midnight.

The Winter Quarter begins December the 21ſt, 47 Minutes paſt 4 at Night.

Of the Eclipses this YEAR, 1774.

THERE will be but Two Eclipſes, which will happen in the following Order:

The firſt Eclipſe is of the Sun, and will happen on Saturday the 12th Day of March, near our Ten o'Clock in the Morning, but will be inviſible to us, and to all the Inhabitants of theſe Parts of the Earth.

Although

Although at the Time of this Eclipſe the Sun will have a conſiderable Altitude above our Horizon, yet the Moon's Parallax of Latitude (which is always South in theſe Parts of the Globe) will depreſs her too low to interpoſe between the Sun and us.

The ſecond Eclipſe is likewiſe of the Sun, and will happen on Tueſday the 6th Day of September, near our 2 o'Clock in the Morning, conſequently inviſible to us, and to all theſe Parts of the Globe; but will be viſible and a large Eclipſe in the Eaſtern Parts of Aſia.

A TABLE

A TABLE of the KINGS and QUEENS of England since the Conquest.

Kings and Queens.	Born A. D	Began their Reign.	Reigned Y. M. D	Age.	Rem. Death and Dethron.	Where Buried.
Will. Conq.	1027	1000 Oct. 14	20 10 20	60	Burst by Leap.	Caen, Norm.
Will. Rufus	1057	1087 Sept. 9	12 10 24	43	Slain accidentally.	Winchester
Henry I	1058	1100 Aug. 2	35 4 0	77		Reading
Stephen	1105	1135 Dec. 1	18 10 24	49		Feversham,
Henry II	1134	1154 Oct. 25	34 8 12	55		Fonteveraud
Richard I	1156	1189 July 6	9 9 0	43	Slain with an	Fonteveraud
John	1166	1199 April 6	17 6 13	50	Arrow.	Worcester
Henry III	1207	1216 Oct 19	36 0 28	65		Westminster
Edward I	1239	1272 Nov. 16	34 7 21	67		Westminster
Edward II	1284	1307 July 7	19 6 13	43		Gloucester
Edward III	1312	1327 Jan. 25	50 5 1	65		Westminster
Richard II	1366	1377 June 21	22 3 8	33	Dep. & Murd	Westminster
Henry IV	1367	1399 Sept. 29	13 5 21	46		Canterbury
Henry V	1389	1413 Mar. 20	9 5 11	33		Westminster
Henry VI	1421	1422 Aug. 31	38 6 4	49	Dep. & Murd	Windsor
Edward IV	1442	1461 Mar. 4	22 1 5	41		Windsor
Edward V	1471	1483 April 9	0 2 15	12	Murdered.	Not known
Richard III	1443	1483 June 22	2 2 0	42	Slain in Battle	Leicester
Henry VII	1457	1485 Aug. 22	23 8 0	52		Westminster
Henry VIII	1492	1509 April 22	37 9 6	55		Windsor
Edward VI	1537	1547 Jan. 28	6 5 9	15		Westminster
Mary I	1516	1553 July 6	5 4 11	42	Died of Grief	Westminster
Elizabeth	1533	1558 Nov. 17	44 4 7	69		Westminster
James I	1566	1603 Mar. 24	22 6 3	58		Westminster
Charles I	1600	1625 Mar. 27	23 10 3	48	Murdered by	Windsor
Charles II	1630	1649 Jan. 30	36 0 7	54	Villains.	Westminster
James II	1633	1685 Feb. 6	4 0 7	67	Abdicated.	St. Germain
Mary II	1662	1689 Feb. 13	5 10 15	32		Westminster
William III	1650	1689 Feb. 13	13 0 23	52	Kill'd by a Fall	Westminster
Anne	1665	1702 Mar. 8	12 4 23	49	from his Horse	Westminster
George I	1660	1714 Aug 1	12 10 10	67		Hanover
George II	1683	1727 June 11	33 4 14	77		Westminster
George III	1738	1760 Oct. 25	Whom God preserve.			

The Presidents of the several Hospitals of LONDON.

Sir Robert Ladbroke,	President of	Christ Church Hospital.
Hon. Thomas Harley,		St. Bartholomew's Hosp.
Walter Rawlinson, Esq;		Bethlem and Bridewell.
Samuel Plumb, Esq;		St. Thomas's Hospital.

A brief

A brief Chronology of memorable Things to the preſent Year 1774.

SINCE the vaſt Fabrick of the World was founded 5824
Since *Noah*'s Flood by which the World was drowned 4166
Since Fire and Brimſtone *Sodom* did deſtroy 3066
Since the Deſtruction of renowned *Troy* 2956
Since ancient *London* was by *Lud* erected 2881
Since *York*'s firſt Plat and Building was effected 2763
Since *Canterbury*'s Baſis firſt was laid 2666
Since *Rome*'s firſt Wings o'er ſeven *Hills* were ſpread 2526
Since *Jeſus Chriſt* at *Bethlehem* was born 1774
Since crucify'd with Cruelty and Scorn 1741
Since *England* firſt the *Chriſtian Faith* receiv'd 1694
Since *London*'s Tower was built (as 'tis believ'd) 1209
Since *England*'s Conqueror this Nation won 708
Since to be built *Weſtminſter Hall* begun 684
Since *London-Bridge* was finiſhed with Stones 565
Since the Invention of deſtructive *Guns* 396
Since the firſt Uſe of *Printing* was inſpired 315
Since *St. Paul*'s Steeple was by Lightning fired 213
Since that vile Project *Guido Vaux*'s Plot 213
Since th' *Iriſh Maſſacre*, not yet forgot 168
Since noble *Strafford* on the Scaffold fell 133
Since *Edge Hill* Fight, whereof loud Fame doth tell 132
Since *Cheapſide-Croſs* was by the *Saints* pull'd down 131
Since *Moſes*'s Tables were of mean Renown 131
Since *Newbury* Fight with Crimſon dy'd the Field 131
Since pious *Laud* to Martyrdom did yield 130
Since good King *Charles* reſign'd his Royal Head 125
Since Virtue, Truth and Juſtice all lay dead 125
Since *George Fox* firſt began the *Quakers* Sect 124
Since *Nol* uſurp'd the Power to protect 120
Since Death and Vengeance did for *Cromwell* call 116
Since *Dick* his Son did from his Greatneſs fall 115
Since *Charles* the Second to *Whitehall* return'd 114
Since good Men for't rejoyc'd, and Rebels mourn'd 114
Since Rebels were at *Charing-Croſs* diſſected 114
Since *London* was with the great Plague infected 109
Since *London*'s dreadful Fire in *September* 108
Since the great blazing Comet in *December* 107
Since the vile Plot at *Rye Houſe* was detected 91
Since Booths and Stalls were on the *Thames* erected 90
Since the fam'd *Oate* for Perjury was ſtripp'd
Of's Prieſtly Habit, and through *London* whipp'd } 89
Since *James* the Second did the Throne aſcend 88
Since he to *Monmouth*'s Treaſon put an End 88

Since

Since the ſeven Biſhops to the *Tower* were ſent 86
Since the Lord *Jefferies* thither alſo went 86
Since the Prince of *Orange* landed at *Torbay* 86
Since late King *James* to *France* did make his Way 86
Since *William* and *Mary* at *Weſtminſter* were crown'd 85
Since War with *France* the Trumpet loud did ſound 85
Since ſuch vaſt Numbers at the *Boyne* were ſlain 84
Since *French* and *Iriſh* Gore did *Agrim* ſtain 83
Since *Mary* our Queen pale Death did ſurround 80
Since he gave *Glouc'ſter*'s Duke a mortal Wound 74
Since Great Queen *ANNE* unto the Throne aſcended 72
Since War proclaim'd with *France* which now is ended 72
Since the late high Wind in the Month *November* 71
Since *Blenheim* Fight, which well the *French* remember 70
Since *EMES* the Prophet was in his Grave interred 67
Since his ſham Reſurrection plain appear'd 66
Since the *Two* Kingdoms did in *One* unite 66
Since fatal Death depriv'd Prince *George* of Sight 66
Since that ſam'd Prieſt *Sacheverel* was try'd 64
Since that great Surgeon Serjeant *Barnard* dy'd 64
Since *Ormond*'s Duke our General became 62
Since *France* gave *Dunkirk* to *ANNE* our Royal Dame 62
Since *Hamilton*'s Duke in Duel loſt his Life 62
Since *ANNA*'s Death renew'd our factious Strife 60
Since *Perkin* did the *Scottiſh* Realm accoſt 59
Since Traitors Hopes in *Preſton* Fight were loſt 59
Since haughty *Spain Gibraltar* did blockade 47
Since at *Seville* a ſham Peace was made 45
Since *Spain* revok'd the Peace of *Seville* 43
Since *Germans*, *Dutch*, and *Britons* did agree 43
Since *Spain* in the *Vienna* Treaty join'd 43
Since our broad Gold was into Guineas coin'd 41
Since we with *Spain* an open War proclaim'd 35
Since *Porto Bell'* was taken and unfram'd 35
Since the great Froſt that ſtarv'd both Beaſt and Men 33
Since *Britiſh* Valour ſhone at *Dettingen* 31
Since *Perkin* Junior this our Realm annoy'd 29
Since brave Duke *William* his raſh Scheme deſtroy'd 28
Since Peace proclaim'd with *France* and haughty *Spain* 25
Since Trade reviv'd and flouriſhed again 25
Since *GEORGE* the Second's glorious Reign was ended 14
Since *GEORGE* the Third the *Britiſh* Throne aſcended 14
Since *GEORGE* the Third made bloody Wars to ceaſe
All o'er the Globe, and made a glorious PEACE. 11

A TABLE

A CATALOGUE of the Moſt Reverend, Right Reverend and Reverend, the Archbiſhops, Biſhops and Deans, exerciſing Eccleſiaſtical Juriſdiction in England, 1774.

Archbiſhops.	*Deans Names.*	*Sees Names.*
H. Dr. Fr. Cornwallis	Dr. John Moore	Canterbury
H. Dr. R. Drummond	Dr. John Fountayne	York
Biſhops.		
Dr. Richard Terrick	Dr. Thomas Newton	London
H. Dr. John Egerton	Hon. Dr. Spen. Cowper	Durham
Dr. John Thomas	Dr. Newton Ogle	Wincheſter
Dr. Edward Willes	Lord Fran. Seymour	Bath and Wells
Lord James Beauclerk	Dr. Nat. Wetherell	Hereford
Dr. Zachary Pearce	Dr. Benj. Newcome	Rocheſter
Dr. Edmund Keene	Dr. Hugh Thomas	Ely
Dr. James Johnſon	Hon. William Digby	Worceſter
Sir Wm Aſhburnham	Dr. Charles Hayward	Chicheſter
Dr. John Hume	Dr. Thomas Green	Saliſbury
Dr. Philip Yonge	Dr. Philip Lloyd	Norwich
Dr. Wm Warburton	Dr. Joſiah Tucker	Glouceſter
Dr. John Ewer	Dr. Thomas Lloyd	Bangor
Dr. John Green	Hon. Dr. James York	Lincoln
Dr. Thomas Newton	Dr. Cutts Barton	Briſtol
H. Dr. Fred. Keppel	Dr. Jeremiah Milles	Exeter
Dr. Robert Lowth	Dr. Wm Markham	Oxford
Dr. Charles Moſs	Pr.	St. David's
Dr. Jonathan Shipley	Dr. William Herring	St. Aſaph
Dr. Edmund Law	Dr. Thomas Wilſon	Carliſle
H. Dr. S. Barrington	J. Fulham, Archdeacon	Landaff
Dr. John Hinchcliffe	Dr. Charles Tarrant	Peterborough
Dr. William Markham	Dr. William Smith	Cheſter
Hon. Dr. Brownl. North	Dr. J. Addenbrook	Litchfield and Coventry
	Dr. John Thomas	Weſtminſter
	Dr. Frederick Keppel	Windſor
Dr. Rich. Richmond		Sodor and Man

The Names of the Learned Judges in the Law.

I. The Rt Hon. Hen. Lord Apſley, Lord High Chancellor of Great Britain.
Right Hon. Sir Thomas Sewell, Knt. Maſter of the Rolls.

II. In the K. Bench } Rt Hon. Wm Ld Mansfield L. C. J. Sir Richard Aſton, Knt. Edward Willes, Eſq; Sir William Henry Aſhurſt, Knt.

III. In the Co. Pleas. } Rt Hon. Sir Wm De Grey, Knt. L. C. J. Sir H. Gould, Knt. Sir William Blackſtone, Knt. Sir George Nares, Knt.

IV. In the Exchequer. } Sir S. Stafford Smythe, Knt. L. C. B. Sir Rd Adams, Knt. George Perrott, Eſq; Sir James Eyre, Knt.

Edw. Thurloe, Eſq; Attor. Gen. Alex. Wedderburn, Eſq; Sollic. Gen.

The Names of the Aldermen of *LONDON*, and the Places of their Habitations, with the Wards under their Juriſdiction.

*Thoſe marked thus * have paſſed the Chair.*

* Sir Rob. Ladbroke, Knt. St Peter's-hill	*Bridge Ward without*
* Rob. Alſop, Eſq; Great-Marlbro'-ſtr.	*Coleman-ſtreet Ward*
* Sir Cha. Aſgill, Bart. Lombard-ſtreet	*Candlewick Ward*
* William Bridgen, Eſq; Forty-Hill	*Farringdon within*
* Sir Wm Stephenſon, Knt. Old Swan	*Bridge-Ward within*
* Rt. Hon. Tho. Harley, Alderſgate-ſtr.	*Portſoken Ward*
* Samuel Turner, Eſq; Mincing-lane	*Tower Ward*
* Barlow Trecothick, Eſq; Bucklerſbury	*Vintry Ward*
* Braſs Croſby, Eſq; Surry-ſtreet	*Bread-ſtreet Ward*
* James Townſhend, Eſq; Auſtin Friars	*Biſhopſgate Ward*
John Glynn, Eſq; *Recorder.*	
Sir Hen. Banks, Kt. Roehampton, Surry	*Cordwainers Ward*
Thomas Hallifax, Eſq; Birchin-lane	*Alderſgate Ward*
John Shakeſpeare, Eſq; Billiter-ſquare	*Aldgate Ward*
Sir James Eſdaile, Bunhill-row	*Cripplegate Ward*
Samuel Plumbe, Eſq; Foſter-lane	*Caſtle-Baynard Ward*
Brackley Kennett, Eſq; Pall-mall	*Cornhill Ward*
John Kirkman, Eſq; College-hill	*Cheap Ward*
John Wilkes, Eſq; Princes-court	*Farringdon without*
John Sawbridge, Eſq; N. Burlington-ſtr.	*Langbourn Ward*
Richard Oliver, Eſq; Fenchurch-ſtreet	*Billingſgate Ward*
Fred. Bull, Eſq; King-ſtreet, Cheapſide	*Queenhithe Ward*
Watkin Lewes, Eſq; Cecil-ſtreet	*Lime-ſtreet Ward*
William Plomer, Eſq; at Aldgate	*Baſſiſhaw Ward*
W. Rawlinſon, Eſq; Lincoln's inn fields	*Dowgate Ward*
Nathaniel Thomas, Eſq; George-ſtreet	*Walbrook Ward*
Benj. Hopkins, Eſq; Old Broad-ſtreet	*Broad-ſtreet Ward*

Stephen Sayre, Eſq;
William Lee, Eſq; } *Sheriffs.*

Sir Steph. Theo. Janſſen, Bart. *Chamberlain.*

Thomas Nugent, Eſq; *Common-Serjeant.*

Sir James Hodges, Knt. *Town-Clerk.*

Rates for *Hackney-Coaches* and *Chairs* in *London*, or within 10 Miles thereof, by *Stat.* 9 *An. Reg.*

	s.	d.
For one Day of 12 Hours	10	0
For one Hour	1	6
For every Hour after the firſt	1	0
From any of the Inns of Court to any Part of St. *James's*, or City of *Weſtmin.* except beyond *Tothill-ſtr.*	1	0
From the Inns of Court, or thereabouts, to the *Royal Exc.*	1	0
From any of the Inns of Court to the *Tower*, *Aldgate*, *Biſhopſgate-ſtreet*, or thereabouts	1	0

And it is alſo declared that no *Hackney-Coachman* ſhall take for his Hire more than one Shilling for any Diſtance not exceeding one Mile and an Half, and Eighteen-pence for any greater Diſtance not exceeding two Miles.

And *Hackney-Chairmen*, by the ſaid *Act*, ſhall not take more than one Shilling at any Diſtance not exceeding one Mile, and Eighteen-pence for any Diſtance not exceeding a Mile and an Half.

For better knowing the Diſtances between the moſt noted Places in the *City* and *Suburbs*, the *Commiſſioners* have cauſed the ſame to be meaſured, *viz.*

One Shilling Rates for *Hackney-Coaches*, for Diſtances not exceeding one Mile and an Half, *viz.*

From Weſtminſter-hall *to* Marlborough-ſtreet
Weſtminſter-hall *to* Albemarle-ſtreet
Weſtminſter-hall *to* Bolton-ſtreet
Weſtminſter-hall *to* Bloomſbury-ſquare
Weſtminſter-hall *to* Soho-ſquare
Weſtminſter-hall *to* Little Queen-ſtreet, Holbourn
St. James's-gate *to* Queen Anne's-ſquare, Weſtminſter
St. James's-gate *to the neareſt Corner of* Red-lion-ſquare
Golden-ſquare *to* Red-lion-ſquare
Haymarket *Playhouſe to* Red-lion-ſquare
Haymarket *Playhouſe to* Thavies-inn
Haymarket *Playhouſe to* Bloomſbury-ſquare
Guildhall *to* Red-lion-ſquare
Upper end of Fetter-lane, Holbourn, *to* Aldgate
Royal-exchange *to* Mile-end *Turnpike*

Royal

Royal-exchange *to* Hoxton-ſquare
Newgate *to the Middle of* Greek-ſtreet, *near* Soho-ſquare
Bridge-foot, Southw. *to* Sir W. Walworth's-head, Walworth
Gray's-inn-gate *to* Sadler's-wells, *by* Iſlington
Covent-garden *to* Clerkenwell *Church*
Temple-bar *to* Billingſgate
Aldgate *to* Shadwell *Church*

Eighteen-pence Rates for *Hackney-Coaches*, for Diſtances not exceeding two Miles.

Drury-lane *Playhouſe to* Queen's-ſquare, Weſtminſter
Weſtminſter-hall *to* St. Paul's *Church*
Weſtminſter-hall *to* Queen's-ſquare, Red-lion-fields
St. James's-gate *to* Hatton-garden
New-Exchange *in the* Strand *to the* Royal-Exchange
From the Haymarket *Playhouſe to* Hatton-garden
Weſtminſter-hall *to* Red-lion-ſquare
St. James's *to* Marybone *Church*
The Royal-Exchange *to* Bloomſbury-ſquare
The Royal-Exchange *to the Watch-houſe*, Mile-end
The Outſide of Aldgate *to* Stepney *Church*
Bedford-ſtreet, Covent-garden, *to* Coleman-ſtreet
Bread-ſtreet *to* Hoxton-ſquare
Middle of Broad-ſtreet *to* Hart-ſtreet, Bloomſbury-market
St. Martin's-lane, *in the* Strand, *to* Gold-ſtreet, *by* Wood-ſtreet
Middle of Grace-church-ſtreet *to* Somerſet-houſe
Guildhall *to* Brownlow-ſtreet *in* Drury-lane
The Royal-Exchange *to* Newington *Church*, Surry
Covent-garden *to the* Royal-Exchange
Stocks-market *to* Charing-croſs
Aldgate *to* Ratcliff-croſs

One Shilling Rates for *Hackney-Chairs*, for Diſtances not exceeding one Mile.

From Weſtminſter *to* Covent-garden
Weſtminſter-hall *to* Exeter-'Change
St. James's-gate *through the* Park *to* Weſtminſter-hall
Haymarket *Playhouſe to the Entrance of* Lincoln's-inn-fields
Haymarket *Playhouſe to* Bolton-ſtreet
St. James's-gate *to* Somerſet-houſe
Somerſet-houſe *to the Upper End of* Hatton-garden

Haymarket *Play-houſe to* Eſſex-ſtreet
Haymarket *Play-houſe to* Soho-ſquare
The neareſt Corner of Golden-ſquare *to* Drury-lane *Play-houſe.*

Note, That *Hackney-Chairmen* are obliged to go the ſame Diſtances for 1*s.* 6*d.* which the Coaches perform *for* 1*s.*

And if any *Hackney-Coachman* or *Chairman* ſhall refuſe to go at, or exact more for Hire than the Rates hereby limited, he ſhall for every ſuch Offence forfeit 40*s.*

Note, The Mile according to *Statute*, *Hen.* 7, is 8 Furlongs, or 5280 Feet. Then if the Step or Pace of a Man in Walking be 5 Feet, 1056 ſuch Paces will be an exact Mile.

Rates of Watermen, *as they are ſet forth by the* Lord-Mayor *and* Aldermen *of* London.

	Oars s.	Oars d.	Sculs s.	Sculs d.
From London-bridge *to* Limehouſe, New-crane, Shadwell-dock, Bell-wharf, Ratcliff-croſs	1	0	0	6
To Wapping-dock, Wapping New *and* Old Stairs, *the* Hermitage, Rotherhith Church Stairs	0	6	0	3
From St. Olave's *to* Rotherhith Church Stairs, *and* Rotherhith Stairs	0	6	0	3
From Billingſgate St. Olave's, *to* St Saviour's Mill	0	6	0	3
Any Stairs between Lond.-bridge and Weſtmin.	0	6	0	3
From either Side above London-bridge *to* Lambeth *and* Vauxhall	1	0	0	6
From Whitehall *to* Lambeth *and* Vauxhall	0	6	0	3
From Temple, Dorſet, *and* Black-friars Stairs, *or* Paul's-wharf, *to* Lambeth	0	8	0	4
Over the Water directly between Vauxhall *and* Limehouſe	0	4	0	2

The Rates of Oars.

Down the River.

		Whole Fare s.	*Whole Fare* d.	*Company* s.	*Company* d.
From London *to*	Graveſend	4	6	0	4
	Grays *or* Greenhith	4	0	0	4
	Purfleet *or* Erith	3	0	0	6
	Woolwich	2	6	0	3
	Blackwall	2	0	0	8
	Greenwich, Deptford	1	6	0	3

Up

Up the River.	*Whole Fare* s.	d.	*Company.* s.	d.
From London to Chelsea, Batterſea, Wandſworth	1	6	0	3
Putney, Fulham, Barn-Elms	2	0	0	0
Hammerſmith, Chiſwick, Mortlake	2	6	0	6
Brentford, Iſleworth, Richmond	2	6	0	6
Twickenham	4	0	0	9
Kingſton	5	0	0	0
Hampton-Court	6	0	1	6
Hampton-Town, Sunbury and Walton	7	0	1	0
Weybridge, Chertſey	10	0	1	0
Staines	12	0	1	0
Windſor	14	0	1	4

Rates for carrying of Goods in the Tilt-Boat *between* Graveſend *and* London.

A half Firkin	0	1	
Whole Firkin	0	2	
Hogſhead	2	0	
One Hundred Weight of Cheeſe, Iron, or heavy Goods	0	4	
Sack of Salt, Corn, a Cheſt, Trunk, or Hamper	0	6	
Every ſingle Perſon in the ordinary Paſſage	0	6	
The Hire of the Whole Tilt Boat	22	6	

What Watermen takes and demands more than theſe Rates, lies liable to pay 40*s.* and ſuffer half a Year's Impriſonment.

Directions for Paſſing and Repaſſing on the Water about London.

Obſerve, That below Bridge the Water ebbs ſeven Hours and flows five.

Above Bridge it ebbs eight Hours, and flows four, according to the Watermens Obſervation, who in their Converſation uſe theſe Terms.

If the Water is at loweſt, then it is called *Low-water*; if riſing, then *Young* or *Old Flood*; when it is at higheſt, and begins to fall, *Ebb Water*.

High Water is the Time at *Billingſgate* for all Paſſengers that are bound for *Graveſend*, *Tilbury*, *Grays*, &c.

If to *Woolwich*, *Blackwall*, *Greenwich*, &c. any Time till one, two, or three Hours after High Water.

TABLE for finding the hourly Motion of the Moon and thereby her true Place at any Time of the Day.

11 46	11 56	12 6	12 16	12 26	12 36	12 46	12 56	13 6	13 16	13 26
d. m.	d. m.	d. m.	d. m.	d. m.	d. m	d. m.	d. m.	d. m	d. m.	d. m.
0 29	0 30	0 30	0 30	0 31	0 31	0 32	0 32	0 33	0 33	0 34
0 59	1 0	1 0	1 1	1 2	1 33	1 4	1 5	1 5	1 6	1. 43
1 28	1 20	1 31	1 32	1 33	1 35	1 36	1 37	1 38	1 39	1 41
1 58	1 59	2 1	2 3	2 4	2 6	2 8	2 9	2 11	3 13	2 14
2 27	2 29	2 31	2 34	2 35	2 37	2 40	2 42	2 44	2 46	2 48
2 57	2 59	3 1	3 4	3 6	3 9	3 11	3 14	3 16	3 19	3 21
3 26	3 29	3 32	3 35	3 38	3 40	3 43	3 46	3 49	3 52	3 55
3 55	3 59	4 2	4 6	4 9	4 12	4 15	4 19	4 22	4 25	4 20
4 25	4 28	4 32	4 36	4 40	4 43	4 47	4 51	4 54	4 58	5 2
4 54	4 58	5 3	5 7	5 11	5 15	5 19	5 23	5 27	5 32	5 36
5 24	5 28	5 33	5 37	5 42	5 46	5 51	5 56	6 0	6 3	6 9
5 53	5 58	6 3	6 8	6 13	6 18	6 23	6 28	6 33	6 38	6 43
6 22	6 28	6 33	6 39	6 44	6 49	6 55	7 0	7 6	7 11	7 17
6 52	6 58	7 3	7 9	7 15	7 21	7 27	7 33	7 38	7 44	7 50
7 21	7 27	7 34	7 40	7 46	7 52	7 59	8 5	8 11	8 17	8 24
7 51	7 57	8 4	8 11	8 17	8 24	8 31	8 37	8 44	8 51	8 57
8 20	8 27	8 34	8 41	8 48	8 55	9 3	9 10	9 17	9 24	9 31
8 49	8 57	9 4	9 12	9 19	9 27	9 34	9 42	9 49	9 57	10 4
9 19	9 26	9 35	9 43	9 51	9 58	10 6	10 14	10 22	10 30	10 38
9 48	9 56	10 5	10 13	10 21	10 30	10 38	10 47	10 55	11 3	11 12
10 1	10 26	10 39	14 4	10 53	11 1	11 10	11 19	11 27	11 36	11 43
10 47	10 56	11 6	11 15	11 23	11 33	11 42	11 51	12 0	12 10	12 19
11 17	11 26	11 36	11 46	11 55	12 4	11 14	12 24	12 33	12 43	12 52
11 46	11 56	12 6	12 16	12 26	12 36	12 46	12 56	13 6	13 16	13 26

The Uſe of this TABLE is to find (by an *Ephemeris*) he true Place of the Moon at any particular Time of the Day. But firſt you muſt know, that all Aſtronomers begin he Day at Noon, and count 24 Hours to the Day; ſo hat beginning one Day at Noon, the ſame ends the next Day it Noon; therefore 1 in the Afternoon is the firſt Hour of he Day, and 13 Hours after Noon is the next Day 1 in he Morning. Now in the following *Ephemeris*, the Moon's Place in the 3d Column in every Month is exactly calculated to the Meridian of *London*; and to know her daily Motion, you muſt ſubſtract the Place of the Moon one Day, from her Place the following Day, by adding 32 Degrees

A TABLE for finding the hourly Motion of the Moon, and thereby her true Place at any Time of the Day.

☽	13 36	13 46	13 56	14 6	14 16	14 26	14 36	14 46	14 56	15 6	15 16
°	d. m.	d. m.	d. m	d. m.	d. m.	d. m.	d. m.	d. m.	d. m	d. m.	d. m.
1	0 31	0 34	0 35	0 35	0 36	0 36	0 36	0 37	0 37	0 36	0 38
2	1 8	1 9	1 10	1 10	1 11	1 12	1 13	1 14	1 15	1 15	1 16
3	1 42	1 42	1 46	1 46	1 47	1 48	1 49	1 51	1 51	1 53	1 54
4	2 16	2 8	2 19	2 21	2 23	2 24	2 26	2 28	2 29	2 31	2 33
5	2 50	2 52	2 54	2 56	2 58	3 0	3 3	3 5	3 7	3 9	3 11
6	3 24	3 26	3 29	3 31	3 34	3 39	3 39	3 41	3 45	3 46	3 9
7	3 58	4 1	4 4	4 7	4 10	4 10	4 15	4 18	4 21	4 24	4 7
8	4 32	4 35	4 39	4 42	4 47	4 49	4 52	4 55	4 59	5 2	5 5
9	5 6	5 10	5 13	5 17	5 21	5 25	5 28	5 32	5 36	5 40	5 48
10	5 40	5 44	5 48	5 52	5 57	6 1	6 5	6 9	6 13	6 17	6 22
11	6 14	6 19	6 23	6 28	6 32	6 37	6 41	6 46	6 51	6 55	7 0
12	6 48	6 53	6 58	7 3	7 8	7 13	7 28	7 23	7 28	7 33	7 28
13	7 22	7 27	7 33	7 38	7 44	7 49	7 54	8 0	8 5	8 11	8 10
14	7 56	8 0	8 8	8 13	8 19	8 25	8 31	8 37	8 43	8 48	8 54
15	8 30	8 36	8 42	8 49	8 55	9 1	9 7	9 14	9 20	9 26	19 32
16	9 4	9 11	9 17	9 24	9 21	9 37	9 44	9 51	9 57	10 4	10 11
17	9 38	9 45	9 52	9 59	10 26	10 13	10 20	10 28	10 35	10 42	10 49
18	10 12	10 15	10 27	10 34	10 42	10 49	10 57	11 4	11 12	11 19	11 27
19	10 46	10 24	11 2	11 10	11 18	11 26	11 34	11 41	11 49	11 57	12 5
20	11 20	11 38	11 37	11 45	11 55	12 2	12 10	12 18	12 17	12 35	12 42
21	11 54	12 3	12 11	12 20	12 29	12 38	12 40	12 55	13 4	13 13	13 21
22	12 28	12 37	12 46	12 55	13 5	13 14	13 23	13 33	13 41	13 50	14 0
23	13 2	13 12	13 21	13 31	13 40	13 59	13 59	14 9	14 10	14 28	14 38
24	13 36	13 46	13 56	14 6	14 16	14 26	14 36	14 46	14 56	15 6	15 16

grees (if need require it) for ſo many Degrees hath every Sign and 60 Minutes are in every Degree; ſo you have the daily Motion of the Moon: Then look for the ſame in the Head, or the neareſt Number you can find, and under it is the Motion of the Moon, agreeing to that Time.

EXAMPLE. To find the Place of the Moon on the 5th Day of January at 8 at Night: Her Place at Noon is ♎ 12° 25′, and the next Day in 26° 11′ of the ſame Sign; therefore her diurnal Motion is 13° 46′; then I find theſe Numbers, viz. 13° 46′ in the Head of the Table, and againſt 8 Hours the given Time is 4° 35′, which added to ♎ 12° 25′, her Place at Noon, the Sum will be 17° 00′, her Place at 8 o'Clock that Night.

The Planets daily Motions Geocentrick. ☊ ♍

The Planets Latitudes and Place of ☽'s ☊ to every 6th Day.												
	1	2N. 13	1S. 18	0S. 58	1S. 16	2N 54	26	3
	7	2 14	1 16	0 59	0 47	2 7	25	43
	13	2 16	1 15	1 1	0 13	1 11	25	23
	19	2 18	1 14	1 2	0N 26	0 17	25	3
	25	2 19	1 12	♈ 3	1 10	0S. 31	24	42

M D	☉	♑	☽	☊	Lat. ☽	♄	♍	♅	♈	♂	♑	♀	♒	☿	♃	Sun's Declin. South.
1	11	16	20	16	2 S. 53	26	10	1	49	16	14	28	♐	21	8	22 59
☉	12	17	2	♍ 57	1 54	26	10	1	56	17	0	29	12	21	21	22 54
3	13	18	15	51	0 48	26	11	2	4	17	47	0	♓ 16	21	41	22 48
4	14	19	29	0	0N 21	26	11	2	11	18	33	1	19	22	8	22 42
5	15	21	12	♎ 25	1 31	26	℞ 11	2	19	19	20	2	22	22	42	22 35
6	16	22	26	11	2 38	26	11	2	27	20	6	3	25	23	21	22 28
7	17	23	10	♍ 18	3 37	26	11	2	35	20	53	4	28	24	5	22 20
8	18	24	24	45	4 23	26	10	2	43	21	40	5	30	24	53	22 12
☉	19	25	9	♐ 29	4 53	26	10	2	52	22	26	6	32	25	46	22 4
10	20	26	24	27	5 3	26	9	3	0	23	13	7	34	26	43	21 55
11	21	27	9	♑ 27	4 55	26	8	3	9	24	0	8	37	27	43	21 45
12	22	29	24	21	4 21	26	8	3	18	24	47	9	36	28	46	21 35
13	23	30	9	♒ 0	3 38	26	7	3	27	25	34	10	36	29	52	21 25
14	24	31	23	15	2 36	26	6	3	37	26	21	11	36	1	♑ 0	21 15
15	25	32	7	♓ 2	1 29	26	5	3	46	27	8	12	35	2	10	21 4
☉	26	33	20	21	0 17	26	4	3	55	27	55	13	33	3	22	20 52
17	27	34	3	♈ 15	0S. 51	26	2	4	5	28	42	14	31	4	36	20 40
18	28	35	15	4	1 55	26	1	4	14	29	29	15	29	5	51	20 28
19	29	36	28	2	2 53	25	59	4	24	0	♒ 16	16	26	7	8	20 16
20	♒	38	10	♉ 5	3 43	25	58	4	34	1	3	17	23	8	26	20 3
21	1	38	21	59	4 20	25	56	4	44	1	50	18	19	9	45	19 49
22	2	39	3	♊ 52	4 49	25	54	4	54	2	37	19	14	11	6	19 36
☉	3	40	15	45	5 5	25	51	5	4	3	24	20	9	12	28	19 21
24	4	41	27	42	5 6	25	50	5	15	4	11	21	3	13	51	19 7
25	5	42	9	♋ 48	4 55	25	48	5	25	4	58	21	56	15	15	18 52
26	6	43	22	0	4 30	25	46	5	35	5	45	22	48	16	40	18 37
27	7	44	4	♌ 25	3 52	25	43	5	46	6	32	23	39	18	6	18 21
28	8	45	17	0	3 2	25	41	5	57	7	19	24	30	19	33	18 6
29	9	46	29	48	2 7	25	38	6	8	8	6	25	21	21	1	17 50
☉	10	47	12	♍ 48	0 54	25	36	6	19	8	55	26	11	22	30	17 33
31	11	48	25	58	0N 17	25	33	6	30	9	41	27	0	23	59	17 16

The Heliocentrick Motions.

January, 1774

Days	♄	♍	♃	♈	♂	♒	☉	♎	♀	♉	☿	♍
1	20	23	13	7	19	41	11	16	21	48	3	34
7	20	35	13	40	23	21	17	23	1♊	27	29	21
13	20	48	14	13	27	1	23	30	11	7	20♏	57
19	21	0	14	46	0♓	44	29	36	20	47	9♍	49
25	21	12	15	19	4	29	☊	42	0♎	29	27	4

Day-lig. B. & E.		Sun Ri.	Set.	Clock too fa
5	59	7	8	4
5	56	7	8	6
5	52	7	7	9
5	46	7	7	11
5	39	7	7	12

M	H. Wat. Lon. B.				The Lunar Aſpects.						The Mutual Aſpects.
D	Morn		After.		☉	♄	♃	♂	♀	☿	
1	4	0	4	16					☌16		
☉	4	32	4	50	△19						
3	5	8	5	29		♂19		△ 4		□11	
4	5	50	6	14			☌ 6				
5	6	39	7	7	□ 6			□13		✶19	
6	7	15	8	8					△13		
7	8	41	9	17	✶13						
8	9	53	10	30		✶ 2	△13	✶19	□19		☽ Perig.
☉	11	6	11	41							
10			0	20		□ 3	□14		✶22	♂ 4	□♄☿
11	0	53	1	26	♂21						
12	1	57	2	29		△ 3	✶15	♂ 1			
13	2	51	3	12							
14	3	29	3	47						✶14	
15	4	3	4	10					♂11		△☉♄
☉	4	38	4	57	✶12	☌11		✶15			
17	5	15	5	33			♂ 2			□ 2	□♃☿
18	5	56	6	18							
19	6	42	7	6	□ 3			□ 4		△20	
20	7	33	7	59					✶16		
21	8	27	8	54	△21	△ 8		△21			
22	9	27	9	50			✶ 2				☽ Apog. ♂☉♂
☉	10	22	10	55		□20			□10		
24	11	26	11	57			□16				
25			0	23						☌12	✶☉♃
26	0	50	1	15		✶ 7		△ 3	△ 2		✶♃♂
27	1	40	2	5	☌ 7						
28	2	30	2	48							
29	3	6	3	21							
☉	3	36	3	51		♂23					
31	4	6	4	24			☌19		☌ 2	△20	

The Planets daily Motions Geocentrick. ♋ ♍

The Planets Latitudes and Place of ☽ to every 6th Day.	1	2N. 21		1S. 11		1S. 4		2N. 8		1S. 17		24	19											
	7	2	22	1	10	1	5	3	3	1	45	23	59											
	13	2	24	1	9	1	5	4	2	2	2	23	39											
	19	2	25	1	8	1	5	5	3	2	6	23	19											
	25	2	26	1	7	1	5	6	7	1	52	22	59											

M D	☉	♒	☽	♎	Lat. ☽	♄	R ♍	♅	♈	♂	♒	♀	♓	☿	♑	Sun's Declin. South.
1	12	49	9	23	1 N 29	25	31	6	42	10	28	27	48	25	29	16	59
2	13	49	23	♍	2	37	25	28	6	53	11	15	28	35	27	♍	16	42
3	14	50	6♏	47	3	37	25	25	7	4	12	♈	29	21	28	32	16	24
4	15	51	20	48	4	25	25	22	7	16	12	50	0♈	5	0♒	5	16	6
5	16	52	5♐	3	4	57	25	19	7	27	13	37	0	49	1	38	15	48
☉	17	52	19	2♍	5	11	25	15	7	39	14	24	1	32	3	12	15	30
7	18	53	3♑	56	5	6	25	12	7	51	15	12	2	14	4	46	15	11
8	19	54	18	27	4	41	25	8	8	5	15	59	2	55	6	22	14	52
9	20	55	2♒	56	3	58	25	5	8	18	16	46	3	35	7	59	14	33
10	21	55	17	13	3	1	25	1	8	28	17	34	4	13	9	36	14	13
11	22	56	1♓	13	1	54	24	57	8	40	18	21	4	50	11	14	13	53
12	23	56	14	52	0	45	24	54	8	52	19	8	5	26	12	53	13	33
☉	24	57	28	9	0 S.	31	24	50	9	4	19	56	6	0	14	33	13	13
14	25	58	11♈	4	1	41	24	46	9	17	20	43	6	32	16	14	12	53
15	26	58	23	38	2	41	24	42	9	29	21	30	7	2	17	56	12	32
16	27	59	5♉	56	3	37	24	39	9	42	22	18	7	31	19	39	12	12
17	28	59	18	1	4	20	24	35	9	54	23	5	7	59	21	23	11	51
18	29	59	9	57	4	52	24	31	10	7	23	52	8	25	23	7	11	29
19	1♓	0	11♊	51	5	1	24	27	10	20	24	40	8	50	24	52	11	8
☉	2	0	23	45	5	1	24	23	10	33	25	27	9	13	26	39	10	47
21	3	0	5♋	45	5	7	24	19	10	46	26	14	9	34	28	27	10	25
22	4	1	17	52	4	43	24	15	10	59	27	2	9	53	0♓	16	10	3
23	5	1	0♌	13	4	9	24	10	11	12	27	49	10	9	2	5	9	41
24	6	1	12	48	3	21	24	6	11	25	28	36	10	23	3	55	9.	19
25	7	2	25	38	2	23	24	2	11	38	29	24	10	35	5	47	8	57
26	8	2	8♍	45	1	15	23	57	11	51	0♓	11	10	45	7	39	8	34
☉	9	2	22	8	0	♍	23	53	12	4	0	59	10	53	9	32	8	12
28	10	2	5♎	45	1 N	1	23	48	12	18	1	46	10	59	11	26	7	49

The Heliocentrick Motions.

February, 177

Days	♄	♍	♃	♈	♂	♒	⊖	♌	♀	♋	☿	♐	Day-lig. B. & E.	Sun Ri. Set.	Clo[illegible]
1	21	27	15	58	8	49	12	49	11	49	16	22	5 30 7	7 30 5	14
7	21	39	16	31	12	34	18	53	21	35	3♑	3	5 21 7	7 20 5	14
13	21	51	17	4	16	21	24	57	1♌	18	20	41	5 12 7	7 9 5	14
19	22	4	17	37	20	9	1♍	0	11	3	10♒	9	5 0 7	6 57 6	14
25	22	16	18	10	23	57	7	2	20	48	2♓	32	4 50 8	6 46 6	13

N. D	H. Wat. Lon. B Morn.		After		The Lunar Aspects. ☉	♄	♃	♂	♀	☿	The Mutual Aspects.
1	4	43	5	1	△ 7			△ 2			
2	5	20	5	44						□ 8	
3	6	8	6	36	□ 15			□ 9			✱ ♀ ☿
4	7	4	7	36		✱ 8			△ 17	✱ 18	
5	8	9	8	46	✱ 21		△ 4	✱ 15			☽ Perig.
☉	9	24	10	2		□ 10			□ 21		
7	10	41	11	19			□ 7				
8	11	57				△ 11					
9	0	29	1	2			✱ 9		✱ 1	☌ 10	✱ ♃ ☿
10	1	31	2	0	☌ 9			☌ 1			
11	2	25	2	50							
12	3	7	3	24		☍ 18					
☉	3	39	3	54			☌ 21		☌ 15		
14	4	10	4	26				✱ 18		✱ 11	
15	4	44	5	2	✱ 7						
16	5	21	5	39							
17	6	2	6	25		△ 13		□ 11		□ 8	
18	6	49	7	31	□ 0		✱ 21		✱ 18		
19	7	41	8	9							☽ Apog. ☌ ♂ ☿
☉	8	40	9	11	△ 18	□ 2		△ 4		△ 7	
21	9	43	10	15			□ 10		□ 8		
22	10	46	11	18		✱ 12					
23	11	47					△ 22		△ 19		
2	0	16	0	42							
25	1	9	1	34	☍ 23			☍ 7		☍ 21	
26	2	0	2	22							☌ ☉ ☿
☉	2	45	3	3							
28	3	20	3	36		☌ 3	☍ 11		☍ 9		

The Planets daily Motions Geocentrick. ☊ ♍

The Planet's Latitudes and Place of ☽'s ☊ to every 6th Day.	1	2N	27	1S.	7	1S.	4	6N	47	1S.	35	22	46
	7	2	27	1	6	1	3	7	40	0	48	22	27
	13	2	28	1	6	1	3	8	17	0N.	17	22	7
	19	2	28	1	5	1	2	8	27	1	33	21	48
	25	2	28	1	5	1	1	8	5	2	39	21	29

M ☽	☉	♈	☽	☊	Lat. ☽	♄ ℞ ♍	♅	♆	♂	♃	♀	♈	☿	♈	Sun's Declin. South.
1	11	2	19	33	2N	26	23	43	12	31	2	33	11	2	13	21	7	26
2	12	2	3♍	31	3	30	23	39	12	44	3	21	11	3	15	17	7	3
3	13	2	17	36	4	21	23	34	12	58	4	8	11	℞ 1	17	13	6	40
4	14	2	1♎	46	4	58	23	30	13	11	4	56	10	57	19	9	6	17
5	15	2	15	57	5	16	23	25	13	25	5	43	10	50	21	6	5	54
☉	16	2	0♏	8	5	15	23	20	13	39	6	30	10	41	23	4	5	31
7	17	2	14	19	4	55	23	16	13	53	7	17	10	30	25	2	5	8
8	18	2	28	24	4	20	23	11	14	6	8	4	10	16	26	59	4	44
9	19	2	12♐	18	3	24	23	6	14	20	8	52	9	59	28	56	4	21
10	20	2	26	10	2	20	23	1	14	34	9	39	9	40	0♈	52	3	57
11	21	2	9♑	45	1	9	22	56	14	48	10	26	9	15	2	46	3	34
12	22	1	23	5	0S.	5	22	52	15	2	11	13	8	55	4	39	3	10
☉	23	1	6♒	8	1	16	22	47	15	16	12	0	8	29	6	30	2	47
14	24	1	18	55	2	23	22	42	15	30	12	47	8	1	8	19	2	23
15	25	0	1♓	29	2	21	22	38	15	44	13	34	7	31	10	5	1	59
16	26	0	13	41	4	9	22	33	15	58	14	21	7	0	11	47	1	36
17	27	0	25	47	4	45	22	28	16	12	15	8	6	27	13	25	1	12
18	27	59	7♊	45	5	8	22	24	16	26	15	55	5	52	15	0	0	48
19	28	59	19	39	5	18	22	19	16	40	16	42	5	16	16	31	0	25
☉	29	58	1♋	33	5	1	22	14	16	54	17	29	4	39	17	56	0	1
21	♈	58	13	31	4	56	22	10	17	8	18	16	4	2	19	15	0N.	23
22	1	57	25	40	4	23	22	5	17	23	19	3	3	24	20	28	0	46
23	2	56	8♌	1	3	42	22	0	17	37	19	50	2	47	21	35	1	10
24	3	55	20	40	2	47	21	56	17	51	20	37	2	9	22	36	1	34
25	4	53	3♍	38	1	42	21	51	18	5	21	24	1	32	23	30	1	57
26	5	52	17	0	0	30	21	47	18	20	22	11	0	55	24	18	2	21
☉	6	52	0♎	42	0N	46	21	42	18	34	22	58	0	19	24	58	2	44
28	7	53	14	44	2	1	21	38	18	48	23	44	29♈	44	25	31	3	8
29	8	52	29	1	3	9	21	33	19	3	24	31	29	10	25	56	3	31
30	9	51	13♏	28	4	7	21	29	19	17	25	18	28	37	26	15	3	54
31	10	50	28	0	4	48	21	24	19	31	26	5	28	6	26	26	4	17

The Heliocentrick Motions. March, 1774.

Days	♄	♃	♅	♈	♂	♒	☉	♎	♀	♌	☿	♓
1	22	24	18	32	26	29	11	2	27	19	19	43
7	22	36	19	5	0♓	16	17	2	7♍	4	19♈	44
13	22	49	19	38	4	5	23	1	16	48	24♉	53
19	23	1	20	10	7	53	28	59	26	32	2♋	36
25	23	13	20	47	11	41	4♏	56	6♎	14	8♌	8

Day-lig. B. & E.		Sun Ri. Set.		Clo too
4	43	6	38	6 12
4	30	6	26	6 11
4	17	6	14	6 9
4	4	6	2	6 8
3	50	5	50	7 6

M. D	H. Wat. Morn.		Lon. B. After.		The Lunar Aſpects. ☉	♄	♃	♂	♀	☿	The Mutual Aſpects.
1	3	52	4	9							
2	4	26	4	46	△16			△ 0			
3	5	7	5	30		✶10				△ 0	
4	5	54	6	24	□22		△20	□ 5	△16		☽ Retrog.
5	6	53	7	25		□12				□10	
☉	7	58	8	35			□23	✶11	□18		
7	9	12	9	50	✶ 5	△15				✶21	
8	10	29	11	4					✶20		
9	11	40					✶ 4				
10	0	11	0	43							
11	1	10	1	38	♂22			♂ 1			
12	2	3	2	29		♂ 0					♂☉♄
☉	2	47	3	5			♂17		♂ 4	♂ 1	
14	3	20	3	35							♂☿♀
15	3	49	4	3							
16	4	21	4	39		△18		✶ 1			
17	4	56	5	14	✶ 2				✶22		
18	5	35	5	56			✶18	□18		✶19	☽ Apog.
19	6	20	6	44	□21	□ 5					♂♃☿
☉	7	10	7	36					□ 6		
21	8	6	8	36		✶17	□ 7	△10		□13	
22	9	9	9	42	△13				△14		
23	10	13	10	44			△18				♂☉♀
24	11	16	11	47						△ 4	
25			0	15							
26	0	44	1	10				♂10	♂23		♂♄♂
☉	1	35	2	1	♂11	♂ 8					
28	2	27	2	47			♂ 7			♂19	
29	3	6	3	24							
30	3	42	4	0		✶13		△21			
31	4	18	4	40					△ 0		

The Planets daily Motions Geocentrick. ♉ ♍

The Planets Latitudes and Place of ☽'s ☌ to every 6th Day.																		
	1	2N	20	1S.	4	0S.	58	6N	57	3N	16	21	6
	7	2	27	1	4	0	56	5	43	2	53	20	48
	13	2	27	1	4	0	54	4	22	1	39	20	29
	19	2	26	1	4	0	52	3	4	0	1	20	10
	25	2	25	1	4	0	49	1	53	1S.	30	19	51

M ☽	☉	☿	☽	♐	Lat. ☽	♄ ♑ ℞	♅	♆	♂	♃	♀	♑ ℞	☿	♈	Sun's Declin. North.
1	11	49	12	29	5N. 11	21	20	19	46	26	52	27	37	26	29	4	41
2	12	48	26	52	5	16	21	16	20	0	27	38	27	10	26 ℞	26	5	4
☉	13	47	11♑	5	4	58	21	11	20	15	28	25	26	45	26	17	5	27
4	14	46	25	7	4	24	21	7	20	29	29	12	26	23	26	1	5	50
5	15	45	8♒	54	3	36	21	3	20	44	29	56	26	2	25	40	6	12
6	16	44	22	30	2	36	20	59	20	58	0♈	45	25	45	25	14	6	35
7	17	43	5♓	54	1	29	20	55	21	13	1	32	25	29	24	42	6	58
8	18	42	19	5	0	17	20	51	21	27	2	18	25	16	24	6	7	20
9	19	41	1♈	58	0S	54	20	47	21	41	3	5	25	6	23	27	7	42
☉	20	39	14	43	2	1	20	44	21	56	3	51	24	58	22	45	8	4
11	21	38	27	15	3	0	20	40	22	10	4	38	24	52	22	2	8	26
12	22	37	9♉	36	3	51	20	36	22	25	5	24	24	48	21	18	8	48
13	23	36	21	47	4	30	20	33	22	39	6	10	24	46	20	34	9	10
14	24	34	3♊	49	4	57	20	29	22	54	6	56	24 D.	48	19	51	9	32
15	25	33	15	44	5	10	20	26	23	8	7	43	24	52	19	10	9	55
16	26	31	27	37	5	10	20	22	23	23	8	29	24	58	18	31	10	14
☉	27	30	9♋	30	4	57	20	19	23	37	9	15	25	6	17	55	10	36
18	28	28	21	26	4	31	20	16	23	52	10	1	25	16	17	22	10	57
19	29	27	3♌	32	3	53	20	13	24	6	10	47	25	29	16	52	11	17
20	♉	25	15	51	3	3	20	10	24	21	11	33	25	44	16	26	11	38
21	1	24	28	28	2	3	20	7	24	36	12	19	26	1	16	5	11	58
22	2	22	11♍	27	0	55	20	4	24	50	13	5	26	19	15	49	12	18
23	3	21	24	52	0N	18	20	1	25	4	13	50	26	35	15	38	12	38
☉	4	19	8♎	43	1	32	19	59	25	19	14	36	27	1	15	32	12	58
25	5	17	23	♑	2	42	19	56	25	33	15	22	27	24	15	31	13	18
26	6	15	7♏	40	3	43	19	54	25	47	16	8	27	49	15D.	34	13	37
27	7	13	22	34	4	30	19	51	26	1	16	53	28	16	15	42	13	57
28	8	12	7♐	34	4	59	19	49	26	16	17	39	28	45	15	56	14	15
29	9	10	22	29	5	8	19	46	26	30	18	25	29	16	16	14	14	34
30	10	8	7♑	12	4	56	19	44	26	45	19	10	29	48	16	37	14	52

The Heliocentrick Motion.

Mar.	♄	♅	♃	♈	♂	♐	☉	♎	♀	♎	☿	♏
1	23	26	21	22	16	7	11	49	17	32	12	52
7	23	40	21	55	19	54	17	43	27	11	7♎	3
13	23	52	22	28	23	40	23	36	6♏	49	27	36
19	24	4	23	1	27	25	29	27	16	25	15♏	47
25	24	17	23	34	1♈	9	5♏	17	26	0	2♐	43

Day-lig. B. & E.	Sun Ri.Set.	Cloc
3 33 9	5 36 7	3
3 17 9	5 25 7	2
3 2 9	5 13 7	0
2 47 10	5 2 7	0
2 26 10	4 51 8	2

M. D	H. Wat. Morn.	Lon. E After.	The Lunar Aſpects. ☉	♄	♅	♂	♀	☿	The Mutual Aſpects.
1	5 3	5 27		□ 15	△ 12				☽ Perig.
2	5 50	6 21				□ 1	□ 0	△ 0	♂ ☌ ♀
☉	6 53	7 25	□ 5	△ 17	□ 15				
4	7 58	8 34				✶ 7	✶ 2	□ 2	
5	9 11	9 46	✶13		✶21				
6	10 21	10 57						✶ 5	
7	11 27	11 56							
8		♌ 25		☌ 4			♂ 13		
9	0 51	1 16				♂ 2			
☉	1 40	2 3	♂ 12		♂ 14			♂ 15	
11	2 25	2 47							♂ ☉ ☿ ♂ ♃ ☿
12	3 3	3 19		△ 21					♂ ☉ ♃
13	3 34	3 48					✶ 6		
14	4 3	4 18				✶ 7			
15	4 36	4 55	✶22	□ 9	✶15		□ 18	✶ 7	☽ Apog.
16	5 14	5 33							
☉	5 56	6 18		✶22		□ 0		□ 16	
18	6 44	7 9	□ 15		□ 4		△ 8		
19	7 37	8 5				△ 15			
20	8 37	9 8			△ 16			△ 1	
21	9 40	10 12	△ 6						
22	10 43	11 15		♂ 15					
23	11 45						☌ 3		
☉	0 16	0 44				☌ 10		☌ 12	
25	1 12	1 39	☌ 22		☌ 4				♂ ♂ ☿
26	2 7	2 31		✶20					
27	2 55	3 15					△ 9		
28	3 34	3 52		□ 20		△ 17		△ 14	
29	4 10	4 34			△ 7		□ 12		☽ Perig.
30	4 58	5 23	△ 5	△ 21		□ 21		□ 16	

The Planets daily Motions Geocentrick. ♃ ♍

The Planets Latitudes and Place of ☽'s ☊ to every 6th Day.

1	2N 24	1S. 4	0S. 47	0N 51	2S. 33	19 33
7	2 23	1 4	0 44	0S. 2	3 6	19 15
13	2 22	1 4	0 40	0 46	3 12	18 56
19	2 21	1 5	0 37	1 23	2 54	18 38
25	2 19	1 5	0 34	1 51	2 16	18 20

M. D	☉	♈	☽	♄	Lat. ☽	♄ ℞	♅	♆	♂	♃	♀	☿	♑	Sun's Declin. North.
☉	11	6	21	37	4N 25	19 42	26	58	19	56	0	22	17	3	15	11
2	12	4	5♒	41	3 39	19 40	27	12	20	42	0	57	17	34	15	28
3	13	2	19	25	2 41	19 38	27	26	21	27	1	33	18	9	15	46
4	14	0	2♓	50	1 36	19 36	27	40	22	13	2	9	18	48	16	3
5	14	58	15	53	0 27	19 35	27	54	22	58	2	46	19	30	16	21
6	15	56	28	45	0S. 42	19 33	28	8	23	44	3	25	20	16	16	38
7	16	54	11♈	25	1 48	19 31	28	22	24	29	4	5	21	5	16	54
☉	17	52	23	50	2 47	19 30	28	36	25	14	4	46	21	57	17	11
9	18	50	6♉	8	3 37	19 28	28	50	25	59	5	29	22	53	17	27
10	19	48	18	17	4 18	19 27	29	4	26	44	6	13	23	53	17	42
11	20	46	0♊	20	4 46	19 26	29	18	27	29	6	57	24	56	17	58
12	21	44	12	18	5 0	19 25	29	32	28	14	7	42	26	1	18	13
13	22	42	24	11	5 3	19 24	29	46	28	59	8	28	27	9	18	28
14	23	40	6♋	2	4 52	19 23	0♉	0	29	44	9	15	28	20	18	42
☉	24	37	17	57	4 29	19 23	0	14	0♉	29	10	3	29	33	18	57
16	25	35	29	56	3 53	19 22	0	27	1	14	10	51	0♉	49	19	11
17	26	33	11♌	54	3 7	19 22	0	41	1	58	11	40	2	8	19	24
18	27	30	24	0	2 12	19 21	0	55	2	43	12	30	3	29	19	37
19	28	28	6♍	42	1 9	19 21	1	9	3	28	13	20	4	53	19	50
20	29	26	19	36	0 0	19 21	1	22	4	13	14	11	6	19	20	3
21	♊	23	2♎	37	1N 10	19D.21	1	36	4	57	15	3	7	48	20	15
☉	1	21	16	47	2 19	19 21	1	49	5	42	15	56	9	19	20	27
23	2	19	1♏	8	3 20	19 21	2	3	6	26	16	49	10	52	20	39
24	3	16	15	52	4 12	19 21	2	16	7	11	17	42	12	28	20	50
25	4	14	0♐	59	4 46	19 21	2	29	7	55	18	36	14	6	21	1
26	5	11	16	19	5 1	19 22	2	43	8	39	19	30	15	46	21	11
27	6	9	1♑	34	4 55	19 22	2	56	9	24	20	25	17	29	21	21
28	7	6	16	39	4 26	19 23	3	9	10	8	21	21	19	14	21	31
☉	8	4	1♒	20	3 42	19 24	3	22	10	52	22	17	21	2	21	41
30	9	1	15	36	2 44	19 25	3	35	11	36	23	14	22	52	21	50
31	9	59	29	25	1 30	19 26	3	48	12	20	24	11	24	44	21	58

The Heliocentrick Motions. — May, 1774.

Day	♄	♍	♅	♈	♂	♈	☉	♎	♀	♐	☿	♐
1	24	25	24	7	4	52	11	6	5	32	19	12
7	24	47	24	39	8	34	16	54	15	3	6♑	0
13	24	53	25	12	12	14	22	42	24	33	23	52
19	25	6	25	45	15	52	28	28	4♑	3	13♒	45
25	25	18	26	18	19	29	4♐	14	13	32	6♓	46

Day-lig. B. & E.		Sun Ri. Set.		Clock too slow	
2	6 10	4	40 8	3	8
1	44 11	4	29 8	3	45
1	19 11	4	20 8	4	1
0	48 12	4	12 8	3	58
No night		4	4 8	3	32

M D	H. Wat. Morn.		Aftern.		The Lunar Aspects. ☉	☽	♅	♂	♀	☿	The Mutual Aspects
☉	5	47	6	17			□ 9		✶16		
2	6	46	7	16	□12					✶22	
3	7	46	8	20			✶16	✶ 4			
4	8	54	9	28	✶22						
5	10	1	10	31		8' 7				•	
6	11	0	11	29					♂ 9		
7	11	58								♂2c	
☉	0	23	0	48			♂ 9	♂' 3			
9	1	11	1	34							
10	1	57	2	19	♂ 3	△ 2					△☉♄
11	2	40	3	0					✶14		
12	3	16	3	31		□14					☽Apog.
13	3	46	4	0			✶11	✶10		✶ 6	
14	4	17	4	35					□ 7		♂♅♂
☉	4	53	5	10	✶14	✶ 3					
16	5	31	5	51			□ 1	□ 3		□ 2	♂♅☿
17	6	15	6	39					△ 0		♂☌☿
18	7	5	7	30	□ 7		△13	△18		△ 0	
	8	0	8	29							
	9	0	9	31	△19	♂ 0					
	10	3	10	35					☌22		
	11	8	11	41							
			0	12			☌ 2	☌ 9		☌18	
	0	44	1	14		✶ 6					
	1	43	2	11	☌ 5						
	2	40	3	2		□ 5			△ 6		☽Perig.
	3	24	3	44			△ 2	△13			
25	4	3	4	26		△ 4			□ 8	△ 5	
☉	4	48	5	11	△12		□ 3	□17			
27	5	33	5	59					✶14	□14	
28	6	26	6	53	□20		✶ 8				

The Planets daily Motions Geocentrick.

| The Planet's Latitudes and Place of ☽'s ☊ to every 6th Day. | | |

The Heliocentrick Motions.

June, 1774.

Days	♄	♅	♃	♈	♂	☿	☉	♃	♀	♑	♅	♈
1	25	32	26	57	23	40	10	56	24	36	9	17
7	25	44	27	30	27	12	16	40	4	5	12	53
13	25	57	28	2	0	43	22	24	13	34	20	14
19	26	9	28	35	4	12	28	8	23	4	26	59
25	26	21	29	8	7	39	3	51	2	34	29	5

Day-lig. B. & E.	Sun Ri.	Sun Set.	Clock too slow
No	3 57	9	2 43
Dark-	3 53	9	1 43
neſs, but	3 50	9	0 33
Twi-	3 48	9	0 sa 42
light.	3 48	9	1 59

M D	H. Wat. Morn	Lon. B. After.	The Lunar Aſpects. ☉	♄	♅	♂	♀	♅	The Mutual Aſpects.
1	7 21	7 51		☌ 12					
2	8 21	8 51						✶ 6	
3	9 21	9 51	✶ ☽						
4	10 21	10 51					☍ 15		
☉	11 19	11 46			☍ 3				
6		0 13		△ 9		☍ 3			
7	0 37	1 1							
8	1 25	1 48	☍ 18	□ 21				☍ 4	
9	2 12	2 36							☽ Apog.
10	2 54	3 12			✶ 6		✶ 2		
11	3 27	3 41		✶ 10		✶ 12			□ ☉ ♄. △ ♄ ♂
☉	3 55	4 9			□ 20		□ 20		☍ ♃ ☿
13	4 27	4 45							☍ ☉ ♅
14	5 4	5 22	✶ ☍			□ 3		✶ 8	
15	5 44	6 5			△ 8		△ 12		
16	6 30	6 54	□ 19	☍ 8		△ 16			
17	7 20	7 46						□ 4	
18	8 17	8 47							
☉	9 21	9 55	△ 6		☌ 21			△ 19	
20	10 28	11 2		✶ 17			☍ 8		✶ ♃ ♅
21	11 37					☍ 5			
22	0 13	0 46		□ 17					
23	1 19	1 50	☌ 12		△ 22				☽ Perig.
24	2 21	2 45		△ 16			△ 14	☌ 9	
25	3 9	3 29			□ 22	△ 8			
☉	3 49	4 9					□ 19		
27	4 28	4 49	△ 20			□ 13			
28	5 10	5 32		☌ 21	✶ 1				✶ ☿ ♅
29	5 54	6 19				✶ 21	✶ 4	△ 5	
30	6 44	7 9	□ 7						

The Planets daily Motions Geocentrick. ☊ ℞

The Planets Latitudes and Place of ☽'s ☊ to every 6th Day.																
	1	2N	12	1S.	8	0S.	9	2S.	37	1N	40	16	29
	7	2	11	1	9	0	5	2	29	1	17	16	10
	13	2	10	1	10	0	1	2	18	0	29	15	53
	19	2	9	1	11	0N	4	2	3	0S.	32	15	35
	25	2	9	1	12	0	9	1	47	1	43	15	17

M D	☉	♌	☽	♈	Lat. ☽	♄	♍	♅	♉	♂	♊	♀	♉	☿	♌	Sun's Declin. North
1	9	34	17	53	2S.	43	20	43	9	52	4	35	26	11	28	9	23	7
2	10	32	0	♉ 17	3	35	20	47	10	2	5	17	27	17	29	53	23	3
☉	11	29	12	27	4	16	20	51	10	13	5	59	28	23	1	♌ 35	22	58
4	12	26	24	29	4	45	20	55	10	23	6	41	29	29	3	14	22	53
5	13	23	6	♊ 24	5	1	20	59	10	33	7	23	0	♊ 35	4	51	22	48
6	14	20	18	17	5	4	21	4	10	43	8	5	1	41	6	26	22	42
7	15	18	0	♋ 9	4	54	21	8	10	53	8	47	2	48	7	59	22	35
8	16	15	12	1	4	32	21	13	11	2	9	29	3	55	9	30	22	29
9	17	12	23	56	3	57	21	17	11	12	10	10	5	1	10	59	22	22
☉	18	9	5	♌ 56	3	11	21	22	11	21	10	52	6	8	12	25	22	14
11	19	7	18	2	2	17	21	26	11	31	11	34	7	14	13	49	22	6
12	20	4	0	♍ 16	1	16	21	31	11	40	12	15	8	21	15	11	21	58
13	21	1	12	40	0	9	21	36	11	49	12	56	9	28	16	31	21	49
14	21	58	25	17	0N	58	21	40	11	58	13	38	10	36	17	48	21	40
15	22	56	8	♎ 11	1	5	21	45	12	7	14	19	11	44	19	3	21	31
16	23	53	21	25	3	6	21	50	12	15	15	0	12	52	20	16	21	21
☉	24	50	5	♏ 2	3	59	21	55	12	24	15	41	14	0	21	26	21	11
18	25	47	19	2	4	36	22	0	12	32	16	21	15	8	22	34	21	1
19	26	45	3	♐ 28	5	3	22	6	12	41	17	3	16	16	23	40	20	50
20	27	42	18	15	5	8	22	11	12	49	17	44	17	24	24	43	20	39
21	28	39	3	♑ 19	4	51	22	17	12	57	18	25	18	32	25	43	20	27
22	29	37	18	29	4	15	22	22	13	5	19	5	19	40	26	39	20	15
23	♌	34	3	♒ 36	3	20	22	28	13	13	19	46	20	48	27	32	20	3
☉	1	31	18	29	2	13	22	33	13	20	20	27	21	57	28	22	19	51
25	2	28	3	♓ 0	0	58	22	39	13	28	21	7	23	6	29	9	19	38
26	3	26	17	4	0S.	18	22	44	13	35	21	48	24	15	29	52	19	25
27	4	23	0	♈ 41	1	31	22	50	13	42	22	28	25	24	0	♍ 32	19	11
28	5	21	13	50	2	37	22	55	13	49	23	9	26	34	1	9	18	57
29	6	18	26	35	3	33	23	1	13	56	23	49	27	42	1	42	18	43
30	7	15	9	♉ 2	4	17	23	7	14	2	24	29	28	52	2	16	18	29
☉	8	13	21	15	4	49	23	13	14	9	25	9	0	♎ 1	2	33	18	4

The Heliocentrick Motions.

July, 1774.

Days	♄	♍	♃	♈	♂	♉	☉	♑	♀	♐	☿	♍
1	26	33	29	41	11	4	9	34	12	5	25	38
7	26	45	0	♉ 14	14	27	15	18	21	36	17	♎ 48
13	26	58	0	47	17	48	21	1	19	♈ 9	7	♍ 0
19	27	10	1	19	21	7	26	45	10	42	24	27
25	27	22	1	52	24	24	2	♒ 28	20	16	11	♐ 3

Day-lig. B. & E.	Sun Ri.	Sun Set.	Clock too	Clock fast
No dark-	3	50	9	3	13
ness, but	3	53	9	4	17
twilight	3	59	9	5	9
	4	5	8	5	42
0 45 12	4	13	8	5	57

M	H. Wat. Lon. B.		The Lunar Aſpects.						
D	Morn.	After.	☉	♄	♃	♂	♀	☿	The Mutual Aſpects.
1	7 34	8 2						□23	
2	8 31	9 2	✱22		♉20				✱☉♃
☉	9 33	10 3		△17					
4	10 32	11 1				♉ 2		✱20	
5	11 30	11 57					♉11		
6		0 24		□ 6					☽ Apog.
7	0 49	1 14			✱22				
8	1 38	2 1	♉ 9	✱19					✱♂☿
9	2 24	2 47							□♃☿
☉	3 3	3 19			□11	✱10	✱ 0	♉15	
11	3 34	3 48							
12	4 4	4 19			△22		□17		
13	4 37	4 55	✱17	♉17		□ 0			
14	5 13	5 31							✱☉♄
15	5 53	6 15				△11	△ 7	✱22	
16	6 41	7 6	□ 5						
☉	7 36	8 6			♊13				
18	8 41	9 17	△12	✱ 5				□ 6	
19	9 55	10 33				♊23	♊22		
20	11 11	11 49		□ 6				△11	☽ Perig.
21		0 23			△15				♉♂♀
22	0 58	1 30	♊19	△ 6					
23	2 2	2 29			□16				
☉	2 55	3 14				△ 4	△ 6	♊17	
25	3 32	3 49			✱18				
26	4 6	4 25		♊10		□ 9	□13		
27	4 44	5 3	△ 7						□♄♂
28	5 22	5 44				✱18			
29	6 6	6 30	□20				✱ 2	△10	
30	6 54	7 20			♉10				
☉	7 46	8 15		△ 4					

The Planets daily Motions Geocentrick. ☊ ♍

The Planets Latitudes and Place of ☽'s ☊ to every 6th Day.																
	1	2♑	8	18.	13	0N	14	18.	26	3S.	10	14	56
	7	2	7	1	14	0	19	1	7	4	14	14	38
	13	2	7	1	15	0	23	0	48	4	44	14	20
	19	2	6	1	16	0	28	0	29	4	15	14	1
	25	2	6	1	18	0	32	0	9	2	48	13	43

M D	☉	☋	☽	♊	Lat.	☽	♄	♍	♅	♉	♂	♊	♀	♌	☿	♍	Sun's Declin. North
1	9	10	3	14	5S.	7	23	19	14	15	25	49	1	11	2	52	17	59
2	10	8	15	8	5	12	23	25	14	21	26	29	2	21	3	7	17	44
3	11	5	27	0	5	4	23	31	14	27	27	9	3	30	3	17	17	28
4	12	3	8♌	52	4	43	23	37	14	33	27	49	4	40	3	21	17	12
5	13	0	20	48	4	9	23	44	14	39	28	28	5	49	3℞	20	16	56
6	13	58	2♎	49	3	24	23	50	14	44	29	8	6	59	3	14	16	39
☉	14	55	14	58	2	29	23	57	14	50	29	48	8	9	3	3	16	23
8	15	53	27	15	1	27	24	3	14	55	0♍	27	9	19	2	46	16	6
9	16	51	9♏	44	0	19	24	10	15	0	1	7	10	29	2	23	15	48
10	17	48	22	16	0N	49	24	16	15	5	1	46	11	40	1	55	15	31
11	18	46	5♐	15	1	58	24	23	15	10	2	26	12	50	1	22	15	13
12	19	43	18	21	3	1	24	29	15	14	3	5	14	1	0	44	14	55
13	20	41	1♑	43	3	56	24	36	15	19	3	45	15	12	0	2	14	37
☉	21	39	15	21	4	39	24	42	15	23	4	24	16	23	29♎	16	14	19
15	22	36	29	17	5	6	24	49	15	27	5	3	17	34	28	28	14	0
16	23	34	13♐	29	5	16	24	55	15	31	5	42	18	45	27	37	13	41
17	24	32	27	58	5	6	25	2	15	35	6	21	19	56	26	43	13	22
18	25	30	12♒	37	4	36	25	9	15	38	7	0	21	7	25	51	13	2
19	26	28	27	22	3	47	25	16	15	41	7	39	22	18	25	1	12	43
20	27	25	12♓	7	2	44	25	23	15	44	8	18	23	29	24	12	12	23
☉	28	23	26	44	1	30	25	30	15	47	8	56	24	40	23	25	12	3
22	29	21	11♈	4	0	12	25	37	15	50	9	35	25	51	22	41	11	42
23	♍	19	25	4	1S.	5	25	44	15	53	10	13	27	3	22	2	11	23
24	1	17	8♉	40	2	17	25	51	15	55	10	52	28	14	21	29	11	2
25	2	15	21	52	3	18	25	58	15	57	11	30	29	26	21	2	10	40
26	3	13	4♊	41	4	9	26	5	15	59	12	8	0♎	37	20	43	10	20
27	4	11	17	11	4	45	26	12	16	0	12	46	1	49	20	31	9	59
☉	5	9	29	25	5	8	26	19	16	2	13	24	3	1	20	27	9	37
29	6	7	11♋	27	5	18	26	26	16	3	14	2	4	13	20D.	33	9	16
30	7	5	23	23	5	13	26	33	16	4	14	40	5	25	20	47	8	55
31	8	3	5♌	15	4	55	26	40	16	5	15	18	6	37	21	9	8	33

Days	♄	♃	♅	♂	♂	♁	♀	♂	☿	♄	Day-lig. B. & E.	Sun Ri. Set.	Clock too fast
1	27	36	2	30	28	11	9	10	1	27	0 25	1 23 11	4 24 8	5 49
7	27	48	3	3	1 ♊	23	14	55	11	4	17 50	1 47 11	4 33 8	5 16
13	28	1	3	36	4	34	20	41	20	41	6 ♒ 57	2 9 10	4 43 8	4 25
19	28	13	4	9	7	42	26	28	0 ♊	20	28 48	2 29 10	4 54 8	3 12
25	28	25	4	42	10	49	2 ♓	15	10	0	24 ♓ 38	2 47 10	5 5 7	1 43

D	H. Wat. Morn.		Lon. B. After.		The Lunar Aspects. ☉	♄	♃	♂	♀	☿	The Mutual Aspects.
1	8	44	9	14	✱ 13					⊟ 0	
2	9	43	10	15		□ 18					
3	10	48	11	19				☌ 0	☌ 14	✱ 13	☽ Apog.
4	11	50					✱ 12				
5	0	16	0	42		✱ 6					
6	1	7	1	31							
☉	1	55	2	19	☌ 0		⊟ 0				
8	2	39	2	59				✱ 6		☌ 10	
9	3	15	3	30			△ 10		✱ 2		
10	3	44	3	58		☌ 4		⊟ 18			
11	4	15	4	32					□ 15		
12	4	51	5	9	✱ 3					✱ 22	
13	5	30	5	51				△ 4			△ ♃ ♀
☉	6	18	6	45	□ 12	✱ 16	☍ 0		△ 2	□ 23	
15	7	16	7	46							
16	8	23	9	0	△ 18	□ 19				△ 22	
17	9	39	10	18				☍ 14			☽ Perig.
18	10	56	11	35		△ 22	△ 5		☍ 15		☌ ☉ ☿
19			0	10							
20	0	45	1	15			□ 7			☍ 19	
☉	1	45	2	12	☍ 3			△ 21			
22	2	39	2	58			✱ 8				✱ ♄ ♀
23	3	17	3	33		☍ 1			△ 4		
24	3	50	4	6				□ 4		△ 23	
25	4	22	4	41	△ 21				□ 15		
26	4	59	5	19			☌ 22	✱ 15			
27	5	38	6	1		△ 18				□ 6	
☉	6	24	6	49	□ 12				✱ 10		
29	7	14	7	48						✱ 18	
30	8	10	8	41		□ 6					☽ Apog.
31	9	11	9	44	✱ 6		✱ 24	☌ 22			

The Planets daily Motions Geocentrick.

| The Planets Latitudes and Place of ☽'s ☊ to every 6th Day. | | |

The Heliocentrick Motion. Septemb. 1774.

Days	♄	♍	♃	♉	♂	♊	⊖	♓	♀	♊	☿	♉	Day-lig. B. & E.	Sun Ri. Set.	Clock too slow
1	28	39	5	20	14	24	9	1	21	17	1	18	3 7 9	5 18 7	0 19
7	28	51	5	53	17	27	14	51	0♋	59	7♊	47	3 24 9	5 30 7	2 1[illegible]
13	29	3	6	25	20	28	20	41	10	42	15♋	18	3 37 9	5 41 7	4 1[illegible]
19	29	16	6	58	23	27	26	33	20	25	19♌	11	3 52 9	5 53 7	6 2[illegible]
25	29	29	7	31	26	24	2♈	26	0♌	10	17♍	29	4 5 8	6 5 6	8 2[illegible]

M D	H. Wat. Morn.	Lon. B. After.	The Lunar Aspects. ☉	♄	♃	♂	♀	☿	The Mutual Aspects.
1	10 15	10 45		✱18					✱♃♂
2	11 15	11 44					☌22		
3		0 13			□10				
☉	0 39	1 5						☌ 1	
5	1 29	1 53	☌14		△19				
6	2 17	2 41		☌16		✱ 0			
7	2 58	3 15							
8	3 31	3 46				□10	✱ 2		△☉♃. □♃♀
9	4 2	4 18						✱ 3	
10	4 39	4 59	✱10		☍ 7	△17	□12		
☉	5 21	5 42		✱ 3				□14	
12	6 10	6 37	□18				△20		
13	7 10	7 43		□ 7					☽ Perig.
14	8 20	8 57			△13			△ 0	
15	9 36	10 15	△ 0	△10		☍ 4			
16	10 51	11 28			□15				
17		0 1					☍11		
☉	0 34	1 2			✱18			☍20	
19	1 30	1 57	☍13	☍17		△14			
20	2 23	2 43							✱☉♂
21	3 2	3 18				□22			
22	3 34	3 49					△ 7		☌☉♄
23	4 4	4 22			☌ 6				✱♄♂
24	4 40	4 58	△14	△ 9		✱10	□23	△ 2	
☉	5 16	5 37							
26	5 58	6 23		□21					☌♄☿
27	6 48	7 15	□ 7				✱18	□ 2	☽ Apog. ✱♂☿
28	7 42	8 12			✱ 4				
29	8 41	9 13		✱10		☌17			
30	9 45	10 15	✱ 0		□16			✱ 0	☌☉☿

The Planets daily Motions Geocentrick. ☊ ♍

The Planets Latitudes and Place of ☽'s ☊ to every 6th Day.

1	2N	6	13.23	1N	7	1N	18	0N	51	11	48
7	2	7	1	24	1	12	1	26	0	33	11	29
13	2	7	1	24	1	19	1	31	0S.	7	11	9
19	2	8	1	25	1	25	1	32	0	48	10	50
25	2	8	1.	25	1	31	1	31	1	27	10	31

M ☽	☉	♎	☽	☊	Lat. ☽	♄	♎	♅ ℞	♆	♂	♌	♀	♍	☿	♎	Sun's Declin. South.
1	8	20	19	11	2S. 8	0	30	14	57	4	8	14	23	9	5	3	18
☉ 2	9	19	1♍	36	1 3	0	37	14	52	4	43	15	37	10	49	3	42
3	10	18	14	13	oN 7	0	44	14	46	5	17	16	51	12	32	4	5
4	11	18	27	20	1 17	0	52	14	41	5	52	18	5	14	14	4	28
5	12	17	10♎	42	2 26	0	59	14	35	6	26	19	19	15	56	4	51
6	13	16	24	22	3 27	1	6	14	29	7	1	20	33	17	37	5	15
7	14	16	8♍	18	4 17	1	14	14	23	7	35	21	48	19	18	5	38
8	15	15	22	25	4 53	1	21	14	17	8	9	23	2	20	58	6	1
☉ 9	16	14	6♐	10	5 10	1	29	14	11	8	43	24	16	22	37	6	24
10	17	14	20	58	5 9	1	36	14	4	9	17	25	31	24	15	6	46
11	18	13	5♑	14	4 48	1	43	13	58	9	51	26	45	25	53	7	9
12	19	13	19	23	4 10	1	50	13	51	10	24	28	0	27	30	7	32
13	20	12	3♒	29	3 17	1	57	13	44	10	58	29	14	29	6	7	54
14	21	12	17	26	2 13	2	5	13	37	11	31	0♎	29	0♍	41	8	17
15	22	11	1♓	18	1 1	2	12	13	30	12	4	1	43	2	16	8	39
☉ 16	23	11	14	59	0S. 12	2	19	13	23	12	37	2	58	3	50	9	1
17	24	11	28	31	1 25	2	26	13	15	13	10	4	13	5	24	9	23
18	25	10	11♈	51	2 32	2	33	13	8	13	43	5	27	6	57	9	45
19	26	10	24	58	3 29	2	40	13	0	14	16	6	42	8	30	10	7
20	27	10	7♉	52	4 14	2	47	12	53	14	48	7	57	10	2	10	28
21	28	9	20	40	4 46	2	53	12	45	15	21	9	11	11	34	10	50
22	29	9	2♊	55	5 4	3	0	12	37	15	53	10	26	13	5	11	11
☉ ☊	9	15	8	5	7	3	7	12	30	16	25	11	40	14	35	11	32
24	1	9	27	11	4 57	3	14	12	22	16	57	12	55	16	4	11	53
25	2	9	9♋	4	4 34	3	21	12	14	17	29	14	10	17	33	12	14
26	3	9	20	56	3 59	3	27	12	6	18	0	15	25	19	1	12	34
27	4	9	2♌	48	3 14	3	34	11	58	18	32	16	40	20	29	12	55
28	5	9	14	47	2 20	3	41	11	50	19	3	17	55	21	56	13	15
29	6	9	26	56	1 19	3	48	11	42	19	35	19	10	23	23	13	35
☉ 30	7	9	9♍	22	0 13	3	54	11	34	20	6	20	25	24	49	13	55
31	8	9	22		0N 55	4	1	11	26	20	37	21	40	26	15	14	14

The Heliocentrick Motions. October, 1774.

Days	♄	♏	♃	♉	♂	♊	⊖	♈	♀	♌	☿	♎	Day-lig. B. & E.	Sun Ri. Set.	Clock too slow
1	29	40	8	3	29	20	8	2	9	55	10	55	4 18 8	6 17 6	10 26
7	29	52	8	36	2♋	14	14	16	19	41	0♏	57	4 31 8	6 29 6	12 11
13	0♎	4	9	9	5	7	20	12	29	26	18	51	4 43 8	6 40 6	13 44
19	0	16	9	41	7	59	26	10	9♍	11	5♐	39	4 55 8	6 52 6	14 59
25	0	28	10	14	10	49	2♉	9	18	5	22	8	5 6 7	7 4 5	15 48

M. D	H. Wat. Lon. B. Morn.	After.	The Lunar Aspects. ☉	♄	♃	♂	♀	☿	The Mutual Aspects.
1	10 46	11 17							
☉	11 47								△♃♀
3	0 14	0 41			△ 0		☌ 3		
4	1 6	1 31		☌ 7		✶16			
5	1 56	2 21	☌ 3					☌10	
6	2 42	3 2				□23			
7	3 19	3 36			☍10				
8	3 53	4 10		✶16			✶ 1		
☉	4 32	4 54	✶18			△ 5			
10	5 17	5 4[illegible]		□18			□ 8	✶ 6	
11	6 8	6 37			△15				☽ Perig.
12	7 10	7 [illegible]2	□ [illegible]	△22			△16	□16	
13	8 18	8 54			□17	☍13			
14	9 30	10 7	△ 7						
15	10 42	11 16			✶21			△ 2	☌♄♀
☉	11 48								
17	0 19	0 46		☍ 7			☍11		□♃♂
18	1 12	1 37				△ 4			
19	2 2	2 24	☍ [illegible]						
20	2 46	3 3			☌ 9	□14		☍ 4	
21	3 19	3 34							
22	3 49	4 5		△ 0			△16		
☉	4 20	4 39				✶ 2			
24	4 57	5 16	△ 9	□12					
25	5 35	5 59			✶ 6		□11	△19	☽ Apog. □♂☿
26	6 22	6 47							
27	7 12	7 39	□ 3	✶ 1	□18				
28	8 6	8 37				☌ 9	✶ 7	□16	
29	9 8	9 39	✶20						
☉	10 9	10 3[illegible]			△ 4				
31	11 8	11 38		☌22				✶ 8	✶♂♀

The Planets daily Motions Geocentrick. ☊ ♍

The Planets Latitudes and Place of ☽'s ☊ to every 6th Day.

1	2N 10	1S. 24	1N 39	1N 27	2S. 5	10	8
7	2 11	1 24	1 46	1 21	2 28	9	48
13	2 12	1 23	1 54	1 13	2 37	9	28
19	2 13	1. 22	2 2	1 2	2 22	9	8
25	2 14	1 21	2 10	0 51	1 30	8	48

MD	☉	☽	☽	♏	Lat. ☽	♄	♃	♅ ℞	♂	♌	♀	♎	☿	♍	Sun's Declin. South.
1	9	9	5	18	2N 3	4	8	11	18	21	8	22	55	27	40	14	34
2	10	10	18	53	3 5	4	15	11	9	21	38	24	11	29	4	14	53
3	11	10	2♍	53	3 58	4	21	11	1	22	9	25	26	0♐	28	15	12
4	12	10	17	14	4 38	4	28	10	53	22	39	26	41	1	50	15	30
5	13	10	1♐	50	5 0	4	35	10	45	23	9	27	56	3	11	15	48
☉	14	11	16	34	5 2	4	41	10	37	23	39	29	11	4	31	16	7
7	15	11	1♑	16	4 45	4	47	10	29	24	8	0♍	26	5	50	16	24
8	16	11	15	50	4 9	4	53	10	21	24	37	1	41	7	8	16	42
9	17	12	0♒	12	3 18	4	59	10	13	25	5	2	57	8	25	16	50
10	18	12	14	18	2 15	5	5	10	5	25	34	4	12	9	40	17	16
11	19	13	28	9	1 6	5	11	9	57	26	3	5	27	10	53	17	33
12	20	13	11♓	44	0S. 6	5	17	9	49	26	31	6	42	12	4	17	49
☉	21	13	25	5	1 16	5	23	9	41	27	0	7	58	13	13	18	5
14	22	14	8♈	16	2 27	5	29	9	34	27	28	9	13	14	20	18	21
15	23	15	21	14	3 18	5	35	9	26	27	56	10	28	15	24	18	36
16	24	15	4♉	1	4 4	5	40	9	18	28	23	11	44	16	25	18	51
17	25	16	16	36	4 37	5	46	9	11	28	51	12	59	17	22	19	6
18	26	16	29	2	5 56	5	52	9	3	29	18	14	14	18	14	19	20
19	27	17	11♊	17	5 1	5	58	8	56	29	45	15	30	19	2	19	34
☉	28	18	23	22	4 53	6	3	8	49	0♍	12	16	45	19	44	19	48
21	29	19	5♋	20	4 31	6	9	8	41	0	38	18	0	20	20	20	1
22	♐	19	17	12	3 58	6	15	8	34	1	4	19	16	20	50	20	14
23	1	20	29	2	3 15	6	20	8	27	1	30	20	31	21	12	20	27
24	2	21	10♌	53	2 23	6	25	8	20	1	55	21	46	21	26	20	39
25	3	21	22	49	1 25	6	30	8	13	2	21	23	2	21	31	20	51
26	4	22	4♍	56	0 22	6	35	8	7	2	46	24	17	21℞	26	21	2
☉	5	22	17	18	0N 44	6	41	8	0	3	10	25	33	21	10	21	13
28	6	24	0♎	2	1 49	6	45	7	54	3	35	26	48	20	43	21	24
29	7	25	13	10	2 50	6	50	7	48	3	59	28	4	20	5	21	34
30	8	26	26	48	3 44	6	54	7	42	4	23	29	19	19	17	21	44

The Heliocentrick Motions.

Days	♄	♃	♅	♆	♂	♋	☉	☿	♀	♎	♑	♓
1	0	43	10	52	14	6	9	9	0	16	11	59
7	0	55	11	25	16	53	15	11	9	58	0♒	26
13	1	7	11	57	19	40	21	13	19	38	21	15
19	1	19	12	29	22	25	27	17	29	17	15♓	38
25	1	31	13	2	25	9	3♊	21	8♏	54	14♈	51

Novemb. 1774

Day-lig. B. & E.		Sun Ri.	Set.	Clock too slow	
5	17	7	7	16	5	16	14
5	25	7	7	27	5	16	5
5	34	7	7	37	5	15	26
5	41	7	7	46	5	14	16
5	48	7	7	54	5	12	26

M D	H.Wat. Morn.		Lon.B. After.		The Lunar Aſpects. ☉	♄	♃	♂	♀	☿	The Mutual Aſpects.
1			0	8							
2	0	35	1	2				✱ 5	☌ 10		
3	1	28	1	54	☌ 15		☍ 13				☍☉♃
4	2	20	2	47				□ 9			
5	3	7	3	26		✱ 4				☌ 2	
☉	3	44	4	2				△12	✱22		✱♄☿
7	4	24	4	45		□ 6	△15				☽ Perig.
8	5	10	5	34	✱ 1						
9	6	2	6	30		△ 8	□17		□ 5	✱15	
10	7	0	7	31	□ 7			☍20			
11	8	5	8	38			✱20		△14		
12	9	11	9	45	△16					□ 0	
☉	10	16	10	47		☍18					
14	11	17	11	48						△12	☍☿♀
15			0	15				△17			
16	0	42	1	6			☌ 10		☍16		
17	1	30	1	54	☍18						
18	2	18	2	38		△13		□ 0			
19	2	57	3	13						☍16	
☉	3	28	3	43				✱14			
21	3	58	4	14		□ 2	✱ 7				☽ Apog.
22	4	30	4	49					△ 4		
23	5	7	5	27	△ 5	✱15	□19				
24	5	46	6	9						△21	
25	6	32	6	55	□23			☌20	□ 0		
26	7	19	7	46			△ 6				
☉	8	14	8	45					✱17	□ 7	
28	9	15	9	47	✱13	☌ 12					✱☉♄
29	10	28	10	49						✱12	
30	11	20	11	51				✱13			

The Planets daily Motions Geocentrick.

																	☊	♍
							1	2N	15	1	D. 19	2N	15	oN	39	oN	11	8	28
The Planets Latitudes and Place of ☽'s ☊ to every 6th Day.							7	2	17	1	18	2	28	0	25	2	7	8	8
							13	2	18	1	16	2	38	0	11	2	53	7	48
							19	2	20	1	14	2	48	oS.	4	2	37	7	28
							25	2	22	1	12	2	58	0	18	1	56	7	7

MD	☉	♈	☽	♍	Lat. ☽	♄	♓	♅ R.	♉	♂	♍	♀	♈	☿ R.	♈	Sun's Declin. South.
1	9	27	10	54	4N 29	6	59	7	36	4	46	0	35	18	18	21 53
2	10	28	25	28	4	53	7	4	7	30	5	9	1	50	17	9	22 2
3	11	28	10	♐ 22	5	0	7	8	7	25	5	31	3	6	15	54	22 11
☉	12	29	25	29	4	47	7	13	7	19	5	54	4	21	14	34	22 19
5	13	30	10	♑ 36	4	13	7	18	7	14	6	16	5	37	13	12	22 27
6	14	31	25	33	3	23	7	22	7	9	6	28	6	55	11	48	22 34
7	15	32	10	♒ 14	2	19	7	26	7	4	7	0	8	8	10	26	22 41
8	16	33	24	34	1	8	7	30	6	59	7	21	9	24	9	12	22 47
9	17	34	8	♓ 20	oS.	5	7	34	6	54	7	41	10	39	8	7	22 53
10	18	36	22	4	1	16	7	38	6	50	8	2	11	55	7	12	22 59
☉	19	37	5	♈ 18	2	21	7	42	6	46	8	22	13	10	6	27	23 4
12	20	38	18	15	3	18	7	45	6	42	8	42	14	26	5	52	23 8
13	21	39	0	♉ 59	4	4	7	49	6	39	9	1	15	41	5	28	23 12
14	22	40	13	31	4	37	7	53	6	35	9	20	16	57	5	17	23 16
15	23	41	25	50	4	56	7	56	6	31	9	38	18	13	5	14	23 19
16	24	42	8	♊ 3	5	2	8	0	6	28	9	56	19	28	5D	21	23 22
17	25	43	20	8	4	54	8	3	6	25	10	13	20	44	5	37	23 24
☉	26	44	2	♋ 5	4	33	8	6	6	22	10	30	21	59	6	1	23 26
19	27	46	13	58	4	0	8	9	6	20	10	47	23	15	6	33	23 27
20	28	47	25	47	3	17	8	12	6	17	11	3	24	30	7	12	23 28
21	29	48	7	♌ 30	2	25	8	15	6	15	11	19	25	46	7	56	23 28
22	♈	49	19	25	1	27	8	18	6	13	11	34	27	1	8	45	23 28
23	1	50	1	♍ 25	0	25	8	20	6	11	11	49	28	17	9	39	23 27
24	2	51	13	32	oN	40	8	23	6	10	12	3	29	32	10	37	23 26
☉	3	52	25	52	1	44	8	26	6	9	12	16	0	♑ 48	11	39	23 25
26	4	54	8	♎ 32	2	45	8	28	6	8	12	29	2	5	12	44	23 23
27	5	55	21	35	3	30	8	31	6	7	12	41	3	19	13	52	23 20
28	6	56	5	♏ 5	4	24	8	33	6	7	12	53	4	34	15	2	23 17
29	7	57	19	5	4	53	8	35	6	6	13	4	5	50	16	14	23 14
30	8	58	3	♐ 35	5	5	8	37	6	6	13	15	7	5	17	28	23 10
31	10	0	18	20	4	58	8	39	6D	6	13	25	8	21	18	44	23 5

The Heliocentrick Motions. December, 1774.

Days	♄	♃	♅	♆	♂	☌	☉	☊	☿	♍	☽	♈
1	1	43	13	35	27	53	9	27	18	3♌	19	18
7	1	55	14	7	0♋	35	15	32	28	4	26♍	15
13	2	7	14	40	3	17	21	39	7♎	36	3♋	4
19	2	19	15	12	5	58	27	46	17	7	4♎	10
25	2	31	15	44	8	38	3♌	53	26	3♍	29	5

Day-lig. B. & E.			Sun Ri.	Set.	Clock too slow	
5	54	7	8	2 4	10	32
5	57	7	8	7 4	8	2
5	59	7	8	11 4	5	18
5	1	6	8	13 4	2	20
6	1	6	8	12 4	0	fa. 41

M. D	H.Wat. Morn.		H.Wat. After.		The Lunar Aspects. ☉	♄	♅	♂	♀	☿	The Mutual Aspects.
1			0	22							
2	0	52	1	22		✱19		□16	☌11		☌ 9
3	1	51	2	20	☌ 2						
☉	2	45	3	9		□19	△19	△17			
5	3	29	3	49							☽ Perig. ☌ ☉ ☿. □ ☌ ♀
6	4	10	4	30		✱20	□19		✱20		☼ ♄ ♀
7	4	53	5	16	✱ 9					✱ 0	△ ♅ ♂
8	5	41	6	5				☍23			☌ ♀ ☿
9	6	30	7	0	□17		✱21		□ 4	□ 0	☽ ☌ ☿
10	7	28	7	56						✱	♄ ☿
☉	8	26	8	55		☍ 3			△16	△ 2	
12	9	28	10	0	△ 5						
13	10	29	10	58			☌11	△16			
14	11	28	11	57							
15			0	23						☍19	
16	0	48	1	12		△ 0		□ 4			
17	1	36	2	0	☍12				☍ 1		
☉	2	24	2	42		□12	✱ 8	✱16			
19	3	0	3	16							☽ Apog.
20	3	31	3	46			□22				
21	4	0	4	17		✱ 1				△ 0	
22	4	34	4	51					△17		
23	5	8	5	27	△ 1		△10	☌21		□17	
24	5	46	6	9							
☉	6	31	6	55	□16				□ 1		
26	7	18	7	46		☌ 0				✱ 8	
27	8	14	8	46					✱23		△ ☉ ♅
28	9	18	9	51	✱ 4		☍ 2	✱14			
29	10	24	11	0		✱ 8					
30	11	36						□16			
31	0	10	0	44						☌ 0	

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Poor Robin. 1774.

AN

ALMANACK

After the Old; *yet* nevertheless as agreeable as Hands can make it to the *Newest* New Fashion:

OR,

A new Edition of an old EPHEMERIS.

WHEREIN THOU,

O READER, (if thou canst but READ)

ART SURE TO FIND

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Being the One Hundred and 1 twelfth EDITION, and the second after BISSEXTILE or LEAP-YEAR.

We use no *Weather-wise* Predictions,
Nor any such-like foolish Fictions;
But (which we think is much the best)
Write the plain Truth—or crack a Jest:
And (without any further Pre-tence)
Confess we write,—and think of the Pence:
And that's the Aim of all who write,
Profit to gain, mix'd with Delight.

LONDON:
Printed by *W. Bowyer* and *J. Nichols*,
For the Company of STATIONERS, MDCCLXXIV.
[Price Nine-pence stitch'd.]

To all and every one of the ALMANACK-MAKERS in the Empire of *Great-Britain*; their loving Brother POOR ROBIN dedicates *this Year's* annual Productions.

Honeſt *Brethren*, Conjurers, or No Conjurers!

YOU, *And You only*, I preſume, will excuſe my telling you at this Time, that although I made every one of you a Preſent of an Houſe in the *Heavens*, the laſt Year but one, yet, every Man of you, ſtill continue to be, the greateſt TIME-SERVERS upon the Face of the whole *Earth!* Know ye then therefore, my old Friends and Fellow Star-gazers, that POOR ROBIN once more appearing in his annual Round, at this Time (for want of better Patrons) flies to YOU ALL for Patronage: And, as *Poets* are wont to invoke Muſes of different Tempers on different Occaſions; ſo I ſhall faithfully endeavour at this Time, to give unto each and every of YOU a ſeparate and particular Panegyric: In order whereto, give me leave to recommend ANDREWS's *A Deo pendent omnia* as he ſtands firſt on the Liſt, gives Monthly Obſervations enough, and (ſometimes) pretty good Weather. The GENTLEMAN's and LADIES Diaries endeavour to improve the Minds of Youth, in *Poetry*, and Mathematical Learning. MOORE's *Vox Stellarum*, good Weather, and ſtrange Hieroglyphics; PARTRIDGE's *Merlinus Liberatus*, and Definition of Aſtrology; PARKER's Ephemeris tells us how to travel in *London* by Land and Water; PEARSE affords ſome ſublime Poetry; SAUNDERS gives us Lectures in Mythology; SEASON's elaborate *Speculum Anni* produces dark Riddles and wonderful Obſervations; WING mounts up to ſurvey the Heavens; and the beſt comes at laſt, *(viz.)* WHITE's Coeleſtial Atlas, which is perhaps the moſt uſeful annual Publication in all *Europe*. In ſhort, let a cenſorious World, or the Inhabitants thereof, ſay what they pleaſe; they cannot ſuppoſe that,

"The *Stars* were only made to light
Robbers and Burglaries by Night:
To wait on Drunkards, Thieves, Gold-Finders,
And Lovers ſolacing behind Doors:
Or giving one another Pledges
Of *Matrimony* under Hedges;
Only to ſtand by and look on,
But not to know what's ſaid or done." HUD.

I am, GENTLEMEN!

Yours, &c.

P. ROBIN.

A TABLE of all the KINGS and QUEENS of *England*, since the CONQUEST in 1066.

Names of Kings.	*Born Ann.*	*When Began to reign*	*Reign. Y.*	*M.*	*Since their Reign ended*	*Buried at*
William 1	1027	1066, Octob. 14	20	11	1687, Septem. 9	Caen Nor
William 2	1057	1087, Sept. 9	12	11	1674, August 2	Wincheſt.
Henry 1	1068	1100, Aug. 2	35	4	1639 Decemb. 1	Reading.
Stephen	1105	1135, Dec. 1	18	11	1620, Octob. 25	Feverſham
Saxon Line Reſtored.						
Henry 2	1133	1154, Octo. 25	35	9	1585, July 6	Fonteve
Richard 1	1156	1189, July 6	9	9	1575, April 6	Fonteve
John	1169	1199, April 6	17	6	1957, Octob. 19	Worceſter
Henry 3	1207	1216, Octo. 19	56	1	1501, Nov. 16	Weſtmin.
Edward 1	1239	1272, Nov. 16	34	8	1467, July 7	Weſtmin.
Edward 2	1284	1307, July 7	19	7	1447, Jan. 25	Glouceſte
Edward 3	1312	1327, Jan. 25	50	5	1397, June 21	Weſtmin.
Richard 2	1366	1377, June 21	22	3	1375, Sept. 29	Weſtmin.
Lancaſter Line.						
Henry 4	1367	1399, Sept. 29	13	6	1361, March 20	Canterb
Henry 5	1389	1413, Mar. 20	9	3	1352, Auguſt 31	Weſtmin
Henry 6	1421	1422, Aug. 31	38	6	1313, March 4	Windſor
York Line.						
Edward 4	1442	1461, Mar. 4	22	1	1291, April 9	Wincheſt.
Edward 5	1471	1483, April 9	0	1	1291, June 18	Unknown
Richard 3	1444	1483, June 18	2	2	1289, Auguſt 22	Leiceſter.
Families United.						
Henry 7	1455	1485, Aug. 22	23	6	1265, April 22	Weſtmin.
Henry 8	1491	1509, April 22	37	10	1227, Jan. 28	Wincheſter
Edward 6	1537	1547, Jan. 28	6	5	1221, July 6	Weſtmin.
Qu. Mary	1516	1553, June 6	5	4	1216, Nov. 17	Weſtmin
Qu. Eliz.	1533	1558, Nov. 17	44	4	1171, March 24	Weſtmin
Kingdoms United.						
James 1	1566	1603, Mar. 24	22	0	149, March 27	Weſtmin.
Charles 1	1600	1625, Mar. 27	23	10	125, Januar. 30	Windſor
Charles 2	1630	1649, Jan. 30	36	0	89, Februar. 6	Weſtmin.
James 2	1633	1685, Feb. 6	4	0	85, Febr. 16	S. Germain
Will. & Mary	1650 / 1662	1689, Feb. 13	13	1	72, March 8	Weſtmin.
			5	10	80, Decem. 28	Weſtmin.
Qu. Anne	1665	1702, Mar. 8	12	5	60, Auguſt 1	Weſtmin.
George 1	1660	1714, Aug. 1	12	10	47, June 11	Hanover
George 2	1683	1727, June 11	33	4	14, Oct. 25	Weſtmin.
George 3	1738	1760, Oct. 25	Whom GOD grant long to reign.			

GOD bleſs our gracious Sov'reigns KING and QUEENS
May they in Health, Wealth, Peace and Plenty reign:
And, may their *Royal Iſſue* evermore abide
Great-Britain's Safeguards, and OLD ENGLAND's Pride. *Amen.*

Old Poor Robin (being not very fond of *exorbitant* Intereſt) preſents his honeſt Readers with a compleat Table thereof; which ſhews the Intereſt of any Sum, from One Pound to a Million of Pounds: for any Number of Days, and at any Rate of Intereſt.

N°.	l.	s.	d.	q.	N°	l.	s.	d.	q.
1000000	2739	14	6	0 ,99	1000	2	14	9	2 ,14
900000	2465	15	0	3 ,29	900	2	9	33	,12
800000	2191	15	7	1 ,59	800	2	3	10	0 ,11
700000	1917	16	2	3 ,89	700	1	18	4	1 ,10
600000	1643	16	8	2 ,19	600	1	12	10	2 ,80
500000	1369	17	3	0 ,49	500	1	7	5	3 ,70
400000	1095	17	9	2 ,79	400	1	1	11	0 ,50
300000	821	18	4	1 ,09	300	0	16	5	1 40
200000	547	18	10	3 ,40	200	0	10	11	2 ,30
100000	273	19	5	1 ,70	100	0	5	5	3 ,15
90000	246	11	6	0 ,32	90	0	4	11	0 ,71
80000	219	3	6	0 ,96	80	0	4	4	2 ,41
70000	191	15	7	1 ,59	70	0	3	10	0 ,11
60000	164	7	8	0 ,22	60	0	3	3	1 ,81
50000	136	19	8	2 ,85	50	0	2	8	3 ,51
40000	109	11	9	1 ,48	40	0	2	2	1 ,21
30000	84	3	10	0 ,11	30	0	1	7	2 ,90
20000	54	15	10	2 ,74	20	0	1	1	0 ,60
10000	27	7	11	1 ,37	10	0	0	6	2 ,30
9000	24	13	1	3 ,23	9	0	0	5	3 ,67
8000	21	18	4	1 ,10	8	0	0	5	1 ,40
7000	19	3	6	2 ,96	7	0	0	4	2 ,41
6000	16	8	9	0 ,82	6	0	0	3	3 ,78
5000	13	13	11	2 ,58	5	0	0	3	1 ,15
4000	10	19	2	0 ,55	4	0	0	2	2 ,52
3000	8	4	4	2 ,41	3	0	0	1	3 ,80
2000	5	9	7	0 ,27	2	0	0	1	1 ,26
1000	2	14	9	2 ,14	1	0	0	0	2 ,63

RULE.

Multiply the Sum by the Number of Days; and that Product by the Rate per Cent. Then cut off the two laſt Figures to the Right Hand and the reſt you muſt find in the Table.

Example, What is the Intereſt of 100 l. for 365 Days at 5 per Cent?

N°. of Days 365	Then in the Table				
multiply by 100	1000	2	14	9	2 ,14
Product 36500	300	0	16	5	1 ,40
multiply by 5 Rate p. Cent.	60	0	3	3	1 ,81
	5	0	0	3	1 ,15
	Anſw. 5.		0.0.0		,00

POOR ROBIN being very desirous to oblige ALL his loving Countrymen, but more particularly his good Customers, more and better in every Year, and verily believing that they are all of them dear Lovers of the *Ready Rhino*, is in Hopes the following TABLE, which is contrived and designed as a Sort of *Houdmaid*, or *Assistant*, to the foregoing one, will answer that End; because, both these two TABLES together (which are now before you in *two* Pages, at *one* opening of the Book), may assist you in making the best *lawful* Use of your Money: As *that* gives you the Interest, so *this* gives you (by Inspection) the exact Number of Days from the first of *January* to any Day in the Year; and (with a little Labor) between any other two Days, as Occasion suits.

Day.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	1	32	60	91	121	152	182	213	244	274	305	335
2	2	33	61	92	122	153	183	214	245	275	306	336
3	3	34	62	93	123	154	184	215	246	276	307	337
4	4	35	63	94	124	155	185	216	247	277	308	338
5	5	36	64	95	125	156	186	217	248	278	309	339
6	6	37	65	96	126	157	187	218	249	279	310	340
7	7	38	66	97	127	158	188	219	250	280	311	341
8	8	39	67	98	128	159	189	220	251	281	312	342
9	9	40	68	99	129	160	190	221	252	282	313	343
10	10	41	69	100	130	161	191	222	253	283	314	344
11	11	42	70	101	131	162	192	223	254	284	315	345
12	12	43	71	102	132	163	193	224	255	285	316	346
13	13	44	72	103	133	164	194	225	256	286	317	347
14	14	45	73	104	134	165	195	226	257	287	318	348
15	15	46	74	105	135	166	196	227	258	288	319	349
16	16	47	75	106	136	167	197	228	259	289	320	350
17	17	48	76	107	137	168	198	229	260	290	321	351
18	18	49	77	108	138	169	199	230	261	291	322	352
19	19	50	78	109	139	170	200	231	262	292	323	353
20	20	51	79	110	140	171	201	232	263	293	324	354
21	21	52	80	111	141	172	202	233	264	294	325	355
22	22	53	81	112	142	173	203	234	265	295	326	356
23	23	54	82	113	143	174	204	235	266	296	327	357
24	24	55	83	114	144	175	205	236	267	297	328	358
25	25	56	84	115	145	176	206	237	268	298	329	359
26	26	57	85	116	146	177	207	238	269	299	330	360
27	27	58	86	117	147	178	208	239	270	300	331	361
28	28	59	87	118	148	179	209	240	271	301	332	362
29	29		88	119	149	180	210	241	272	302	333	363
30	30		89	120	150	181	211	242	273	303	334	364
31	31		90		151		212	243		304		365

THE Passion and Resurrection of Our Saviour	1741
The Beginning of the Ten Persecutions, by *Nero*	1702
Athanasius wrote against *Arius*	1413
The Tower of *London* built	120
Cambridge made an University	1109
Oxford made an University	903
William Duke of *Normandy* conquered *England*	708
London Bridge built with Stone	568
The Invention of Guns	397
A Plague in *London*, whereof died 30,000	367
The Art of Printing first invented	33
The *Royal Exchange* was finished	207
Tobacco first used in *England*	189
Mr. *William Lee* invented the Stocking Frame	138
Another Plague in *London*, whereof 30,578 died	172
The horrid Gun Powder Treason	169
The Holy Bible new translated	167
The *New River* brought to *London*	160
A Plague in *London*, whereof, and of other Diseases, died 54,265	149
New England planted	144
King *Charles* I. beheaded	126
King *Charles* II. restored	114
Another Plague in *Lond.* of which, &c. died near 100,000	109
13200 Houses burnt in *London*	108
A great Comet appeared in *December* and *January*	94
The great 13 Weeks Frost	90
King *William* III. and Queen *Mary* crowned, *April* 11	85
England and *Scotland* united	67
St. Paul's in *London* finished	66
Queen *Anne* died *August* 1; and King *George* I. began	60
Preston Rebellion	59
King *George* I. died *June* 11; and King *George* II. proc. 15	47
A splendid Comet, seen from *Dec.* 23 to *Feb.* 29	31
A Rebellion, when the Rebels came so far as *Derby*	29
The Prince of *Wales* died; and *Poor Robin* broke his Leg	23
The Date and Calendar altered	2
The Militia Act passed	17
King *George* II died *October* 25; and King *George* III. began to reign	14
King *George* III. and Queen *Charlotte* crowned *September* 22	13

Whom GOD grant long to reign! *Amen.*

" Th' immortal Line in sure Succession reigns,
" The Fortune of the Family remains,
" And Grandsires Grandsons the long List contains.

DRYDEN.

BY virtue of an Act, made in 1751, for Alteration of the Style, the Beginning of the Year was changed from the 25th of *March* to the 1st of *January*, which Change took Place on the 1st of *Jan.* 1752.

In Conſequence of the ſame Act of Parliament, the Uſe of the *Julian* Account, or Old Style, heretofore followed in this Country, ceaſed on the ſecond of *September* of the ſame Year 1752; and by dropping or leaving out eleven nominal Days, and calling the next, which would have been the third, the fourteenth, the New Style took Place; and from thence, by the ſaid Act, is directed to be uſed for all Time to come, in all his Majeſty's Dominions ſubject to the Crown of *Great Britain*. By this Alteration, the ſeveral Fixed or Immoveable Feaſts, as they are ordered to be placed in the New Calendar upon the ſame nominal Days of the reſpective Months as they were placed upon in the Old, will come 11 Days earlier than they would otherwiſe have done, and thereby make all Things depending upon them, ſuch as the Opening or Incloſing of Common Fields and Paſtures, the Holding of Fairs and Marts, the Payments of Rents and Annuities, and the Commencement or Extinction of many private Rights and Matters of Property, do the ſame: To prevent therefore any Inconvenience ariſing therefrom, the Act provides and directs, That the Opening or Incloſing of Paſtures, the Payments of Rents, Annuities, and all other Things depending on the Fixed or Immoveable Feaſts, ſhall not by this means be accelerated or forwarded, but that the Days of Opening or Shutting ſuch Paſtures, of Paying ſuch Rents or Annuities, and of doing all ſuch other Matters and Things formerly to be done and performed on the ſaid Feaſts, ſhall be Kept, Obſerved, and Performed, on the ſame natural Days of the Year on which the ſaid Feaſts would have fallen, if this Act had not been made. For this Reaſon the 5th of *April* is called *Old Lady-Day*, and the 10th of *October Old Michaelmas-Day*, and ſo of the reſt, as being the reſpective Days on which all ſuch Rents and Payments become due, ſuch Rights take Place, and ſuch Matters and Things ought to be done, and not before. All that is here ſaid relates to the ſeveral Things above-mentioned, depending on Fixed or Immoveable Feaſts; but all ſuch as depend on Moveable Feaſts or on Days depending on them, are to take Place, and be reckoned according to the New Calendar, in purſuance of an Act of Parliament of the Year 1750, for amending the former Act of the Year 1751.

N. B. That all Dates of Births, Deaths, or other remarkable Events, in the Regal or Chronological Tables, prior to, or upon, the ſecond of *September* 1752, are to be underſtood according to the *Julian* Account, or Old Style; but after that Time, the annual Returns of them are placed in the Calendar Part of the Almanack, according to the New Style, Eleven nominal Days later.

JANUARY hath xxxi Days. P. R.

M D	Decl. ☉ South.
1	23° 1′
6	22 29
11	21 47
16	20 54
21	19 51
26	18 39

Last Quart. the 5
New Moon the 12
First Quart. the 19
Full Moon the 27
} Day at {
3 Qu. past 5 at Night.
48 min. past 8 Morn.
3 Afternoon.
42 min. past 6 at Night.

1	S	Circumcision.	7	A 42	
2	B	☩ S. after Chr.	8	48	Farewel to *Chriſtmas* and minc'd pies,
3	M	Merry Weather	9	53	And farewel holl'days likewiſe:
4	T	in moſt Places.	11	8	Now the New Year has entrance made,
5	W	Old Chr. Day.	Morn.		Fall to your work, mind well your trade:
6	T	Epiphany.	0	24	Retrieve the Time you've 'atelyloſt,
7	F	Day 8h. 2m. lo.	1	40	And money that your feaſtings coſt,
8	S	Lucian, P. & M.	2	58	Recover what you've loſt at play,
9	S	☩ S. aft. Epiph.	4	13	And fooliſhly have thrown away.
10	M	*Canterbury.*	5	24	I'd not have time and money ſpent
11	T	Days inc. 26 m.	6	30	At cards, nor dice, with an intent
12	W	Old N.Y. Day.	☽ ſets.		To rob your neighbours of their chink,
13	T	Hillary, B. & C	6 A	10	No; let the winnings go for drink:
14	F	*Nottingham.*	7	2	But, win or loſe, there's no one ſhou'd
15	S	*Barſton*, York.	8	41	Charlotte birth day kept.
16	B	☩ S. aft. Epiph.	9	50	Drink more than what will do them good:
17	M	*Taviſtock*, Dev.	11	8	And after you have done with that,
18	T	Priſca, V. & M.	Morn.		Spend one half hour in harmleſs chat.
19	W	Day inc. 44 m.	0	6	You may have heard of perſons, who
20	T	Fabian, B & M.	1	8	Great ſtore of wealth have ſhuffled thro',
21	F	Agnes, V. & M.	2	12	Who'd feaſt, and drink, and game, and ſpend,
22	S	Vinc. Span. De.	3	15	And worſe than beggars make their end!
23	B	☩ S. aft. Epiph.	4	10	K. Ch. I. Mart. at Wh. 1640.
24	M	*Derby.*	5	6	
25	T	Conv. St. Paul.	5	54	
26	W	Polycarp.	6	37	
27	T	Chryſtopher.	☽ riſes		
28	F	Day 8h. 56 m. lo.	5	24	
29	S	*Grampound*, Co.	6	40	
30	B	Septuageſima.	7	48	
31	M	Saturnius.	8	56	

1774. Obſervations for JANUARY.

M.	D.	Clock bef. ☉
1		4′ 15″
6		3 11
11		0 36
16		1 25
21		12 58
26		11 10

Another year now cometh on,
Oh! (honeſt Reader) think upon
That MERCY which hath THEE befriended
Until the former year was ended.

21	1	New Year's Day.	8	43	56		It is a very bad beginning of
22	B	Now new-year's	8	43	56		the New-Year with him that
23	3	Gifts are ſent	8	33	57		is condemned to be hanged
24	4	about,	8	23	58		the firſt month in it; or with
25	5	In town and	8	13	59		him that is ſent to priſon for
26	6	country hurried	8	04	0		debt (the worſt puniſhment
27	7	out.	7	59	4	1	of the two) and to him who
28	8	Ned Bailey.	7	58	4	2	has the ill luck to marry
29	B	Jack Boncer	7	57	4	3	with a whore, a ſlut, or a
30	10	Ned Sharp.	7	56	4	4	ſcold; the worſt plague of all
31	11	Rich feaſt the	7	55	4	5	the three: For, notwith-
1	12	rich, but thoſe	7	54	4	6	ſtanding the coldneſs of the
2	13	who begging go,	7	53	4	7	ſeaſon, where the fire of jea-
3	14	Find charity as	7	52	4	8	louſy burns; or a man is in
4	15	cold as froſt	7	51	4	9	daily danger of poiſoning;
5	B	and ſnow.	7	50	4	10	or perpetual clamours drum-
6	17	Ned Price.	7	49	4	11	ming in his ears, day and
7	18	Flying Tim.	7	48	4	12	night; ſuch houſes are like
8	19	Sue Turner.	7	46	4	14	hell; and the woman the
9	20	Bacon John.	7	45	4	15	maſter (or if you like the
10	21	Fair Maids faſt.	7	43	4	17	expreſſion better) the miſ-
11	22	St. *Agnes* Day is	7	42	4	18	treſs devil.
12	B	gone and paſt,	7	41	4	20	The beſt preſervative a-
13	24	When *wanting*	7	39	4	21	gainſt the cold weather, and
14	25	girls for ſweet-	7	37	4	23	which far exceeds the pre-
15	26	hearts faſt.	7	36	4	25	ſcriptions of *Hippocrates* or
16	27	Now term is in	7	34	4	26	*Galen*, is a well complex-
17	28	lawyers will ſcold,	7	32	4	28	ioned ſelvedge toaſt, ſwim-
18	29	To fleece their	7	30	4	30	ming in a large bowl of
19	B	clients of their	7	28	4	32	nut-brown ALE.
20	31	gold.	7	27	4	33	

No ſweeter muſic man can boaſt,
Quoth our Sir *John* the vicar;
Than he that hears a nut-brown toaſt,
Cry *hiſs!* in humming liquor!

FEBRUARY hath xxviii Days. P. R.

M D	Decl. ☉ South.
1	17°
6	15 32
11	13 56
16	12 14
21	10 27
26	8 36

Last Quart. the 4
New Moon the 10
First Quart. the 18
Full Moon the 26
} Day at {
3 in the Morn.
35 min. past 8 at Night.
8 min. before Noon.
36 min. past 10 Fore.

M D	W D	Sundays, Saints, Fairs.	☽ rises and sets	Poetical Performances, &c.
1	T	*Bromley*, Lanc.	10 M 12	But those who mean to thrive (I think)
2	W		11 24	
3	T	Blasius, Bish.	Morn.	Must mind their work, and save their chink.
4	F	*Gravesend*, K.	0 40	
5	S	Agatha V. & M.	1 51	They who more money have than wit
6	B	Sexages. Sun.	3 3	Old St. Paul.
7	M	D. in. 1 h. 48 m.	4 10	May go to law (if they think fit).
8	T	*Bingham*, Nott.	5 7	For *Term* is in, and ten to one,
9	W	Days are now	5 58	'Twill learn them wit before it's done.
10	T	9 h. 42 m. lo.	☽ sets.	But, if you have no chink to spare,
11	F	*Llandeffel*, Mon.	6 A 7	There's not much law falls to your share,
12	S	D. br. 15 m. p. 5.	7 19	Old Candlemas Day.
13	B	Shrove Sunday.	8 30	For at this time it's curs'd dear.
14	M	Valentine Bish.	9 42	
15	T	Shrove Tuesd.	10 47	A comfortable song, very suitable for long nights and cold weather.
16	W	Ash Wednesday	11 53	
17	T	D. inc. 2 h 24 m.	Morn.	Fair *Venus* the goddess of beauty and love
18	F	*Nun-Eaton*, Wa.	0 56	
19	S	D. 10 h. 16 m. lo.	1 52	Arose from the froth that swam on the sea;
20	B	1 Sun. in Lent.	2 50	
21	M	*Norton*, Oxf.	3 44	*Minerva* jump'd out of the cranium of Jove,
22	T	*Godalming*, Sur.	4 28	A coy sullen slut, as most authors agree.
23	W	Ember Week.	5 8	
24	T	S. Matthias.	5 42	Bold *Bacchus* they tell us,
25	F	*Feversham*, K.	6 14	The Prince of good fellows,
26	S	*Oundle*, North.	☽ rises.	Was his natural son; but attend to my tale:
27	B	2 S. in Lent.	6 A 44	All they that thus chatter
28	M	*Chesterfield*, D.	8 4	Quite mistake the matter,

He

1774. Observations for FEBRUARY.

M.	Clock
D.	h. m.
1	11
6	14 3
11	14 4
16	14 3
21	14
26	13 19

Day unto Day ſtill addeth Speech;
Night after Night doth Knowledge teach:
Knowledge! of what *all* ſhou'd endeavor
To fear their God—and love their Neighbour.

O S	N S	Sad Saints, and ſore Sinners.	Sun riſes	Sun ſets	Wonderful Obſervations.
21	1	Jane Shore.	7 26	4 35	Let me adviſe thoſe that
22	2	James Nailor.	7 24	4 37	are poor, to keep themſelves
23	3	Let puney fools	7 22	4 39	honeſt; and to live content-
24	4	ſay what they	7 20	4 41	edly on wholeſome homely
25	5	will,	7 18	4 42	fare: they may be very
26	6	A toaſt and	7 16	4 44	comfortable without *tea* to
27	7	ale's in ſeaſon	7 14	4 46	breakfaſt; partridge, duck
28	8	ſtill.	7 12	4 48	or mallard to dinner: If
29	9	Fair Roſamond.	7 11	4 49	they ſhall happen to get a
30	10	When pretty maids	7 10	4 51	ſurfeit, with living too high,
31	11	have ſuitors ſcant,	7 8	4 53	let them remember it's too
1	12	They either	7 6	4 55	ſoon yet to take phyſic.
2	13	Senſe or money	7 4	4 57	Strawberries, green peaſe,
3	14	want.	7 2	4 59	and honeſty, will be ſcarcer
4	15	St. Pancake.	7 1	5 0	this month, than pancakes
5	16	Noll Cromwell.	6 59	5 2	and cold weather: however
6	17	With rings and	6 57	5 4	cherries and gooſeberries will
7	18	gloves and rib-	6 55	5 6	be as plentiful as ſnow in the
8	19	bands meet,	6 53	5 8	dog-days.
9	20	Now Valentines	6 51	5 10	*Valentine* may poſſibly
10	21	each other	6 49	5 12	cauſe ſome conjunctions be-
11	22	greet;	6 47	5 14	tween the male and female
12	23	Stealing the	6 45	5 16	planets of our ſublunary orb,
13	24	match with	6 43	5 18	the effects whereof may be
14	25	kiſſes ſweet.	6 41	5 20	ſeen about nine months af-
15	26	Paſquil.	6 39	5 22	ter, portending great charges
16	27	Black Beſs.	6 38	5 23	of midwife, nurſe, &c.
17	28	Hugh Platt.	6 36	5 25	Kiſſing goes by favour;
					becauſe kiſſes are a ſurt of
					ſilent petitions with willing
					lovers: and (you may be-
					lieve me) a handſome maid,
					with a handſome fortune and
					good conditions, is worth a
					man's while to look after,
					in order to make her a good
					and lawful wife.

MARCH hath xxxi Days. P. R.

M	Decl. C.
D	South.
1	7° 29
6	5 33
11	3 36
16	1 38
21	0N.21
26	2 19

Last Quart. the 5
New M on the 12
First Quart. the 20
Full Moon the 27
} Day at {
half past 10 Forenoon.
52 m. past 9 Forenoon.
half past 8 Forenoon.
half past 11 at Night.

1	T	David.	9	A 17	He ſprung from a barrel of Nottingham ale,
2	W	Cedde or Ch. B.	10	34	Nottingham ale, Nottingham ale,
3	T	*Stockport*, Che.	11	50	No liquor on earth is like Nottingham ale!
4	F	*Melton-Mowbr.*	Morn		And when he had empty'd the
5	S	Prs. Heſſe bor.	1	2	caſk whence he ſprung,
6	B	3 Sun. in Lent.	2	8	For want of more liquor low-ſpirited grew;
7	M	Perpetua Maur.	3	5	He mounted aſtride, clapt his arſe
8	T	Days are now	3	56	on the bung,
9	W	increaſed and	4	36	And away to the gods and goddeſſes flew:
10	T	night ſhortened	5	10	But when he look'd down,
11	F	3 ho. & 3 qu.	5	43	And ſaw the fair town,
12	S	Gr. M. B. of R.	☽ ſets.		To do him due honours not likely to fail;
13	B	Midlent Sund.	7	A 20	He ſwore on all earth,
14	M	*Brimwelbanks.*	8	23	That the place of his birth
15	T	*Oakham*, Rutl.	9	38	Was the beſt, and no liquor like
16	W	*Penzance*, Corn.	10	40	Nottingham ale.
17	T	*Malmſbury.*	11	44	Nottingham ale, Not. &c.
18	F	Ed. K. of W. Sa.	Morn.		Ye *Biſhops* and *Deacons*, *Prieſts*,
19	S	*Loughborough.*	0	40	*Curates*, and *Vicars*,
20	B	5 S. in Lent.	1	35	When once you have taſted, you'll
21	M	Benedict Abb.	2	23	own it is true;
22	T	Equal D. & N.	3	5	That Nottingham Ale is the beſt
23	W	*Aylſham*, Norf.	4	45	of all liquors,
24	T	*Llanercbemith.*	4	10	And who underſtands the good
25	F	Ann. B. V. M.	5	45	creature like *You?*
26	S	*Glouceſter.*	5	11	It diſpels ev'ry vapor,
27	B	Palm-Sunday.	☽ riſes		Saves pen, ink, and paper:
28	M	*Cobham*, Surr.	7	A 11	For when you intend in the pulpit to rail,
29	T	*Preſton*, Lanc.	8	28	It will open your throats,
30	W	*Stourbridge*, W.	9	47	You may preach without notes,
31	T	*Midhurſt*, Suſſ.	11	2	Whe:

1774. Obſervations in MARCH.

M D.	Clock bef. ☉
1	12′ 44″
6	11 38
11	10 21
16	8 55
22	7 24
26	6 30

Now Lent is in, you muſt abſtain
From eating Fleſh, as what is vain:
But may indulge in Wine and Fiſh,
And all Things elſe that Heart can wiſh.

18	1	Welſh Taffy.	6	34	5	27
19	2	A virtuous ſoul	6	32	5	29
20	3	and handſome	6	30	5	31
21	4	face,	6	28	5	33
22	5	Is ev'ry virgin's	6	26	5	35
23		chiefeſt grace.	6	24	5	37
24	7	Jack Cade.	6	22	5	39
25	8	Capt. Jones.	6	20	5	41
26	9	But if with	6	18	5	43
27	10	gold they are	6	16	5	45
28	11	not ſped,	6	14	5	47
M	12	It may be long	6	12	5	49
2	B	before they	6	10	5	51
3	14	wed.	6	8	5	53
4	15	Cambray Beſs.	6	6	5	55
5	16	John Sheppard.	6	4	5	57
6	17	Mazarin.	6	2	5	59
7	18	Daniel Fowks.	6	0	6	1
8	19	Abſtain from	5	58	6	3
9	B	fleſh, chiefly	5	56	6	5
10	21	from whores:	5	54	6	7
11	22	'Twill keep thee	5	52	6	9
12	23	free from pains	5	50	6	11
13	24	and ſores.	5	48	6	13
14	25	St. Landlord.	5	46	6	15
15	26	John Bently	5	44	6	17
16	B	Where rent is due,	5	43	6	18
17	28	but money none,	5	41	6	20
18	29	'Tis a ſad caſe	5	39	6	22
19	30	to think upon.	5	37	6	24
20	31	All Fool's Eve.	5	35	6	26

There will be great trading this month at *London* for oyſters; and, to mend the matter, the prudent common-council wives of *Billingſgate* have by a ſtatute provided and declared, that for every buſhel of oyſters remaining unſold, there ſhall be a box on the ear.

The ſtars, and other ſigns altogether as infallible, portend that many people will go to priſon this month for telling lies; and do not you think that it is a very hard caſe? but hard or ſoft, ſo it will be, when they have been promiſing time after time to pay money, but never could find a time to pay it in; the conſequence of which is; they are immediately encountered by a parcel of dangerous fellows called *Shoulder-Clappers*; who directly carry them to *Topbet*, from whence they cannot return without the help of a *ſilver key*.

If no body old nor young, ſhall die this month, in *Europe*, *Aſia*, *Africa*, or *America*; I'll give you leave to do whatever you pleaſe with *Poor Robin's* Almanack.

Felices

APRIL hath xxx Days. P. R.

					M D	Decl. ☉ North.	
Last Quart.	the 3	Day at	5 in the Afternoon.		1	4°	19
New Moon	the 11		16 m. past Midnight.		6	6	31
First Quart.	the 19		10 m. past 1 Morn.		11	8	25
Full Moon	the 26		half past 9 Forenoon.		16	10	13
					21	11	57
					26	13	36

1	F	Good Friday.	Morn.		When inspir'd by a bumper of Nottingham ale.
2	S	*Salisbury*, Wilts.	0	11	Nottingham ale, &c.
3	B	Easter Sunday.	1	14	Ye *Doctors* who more execution have done
4	M	East. Monday.	2	8	With powder and bolus, with potion and pill;
5	T	Last. Tuesday.	2	48	Than hangman with halter, than soldier with gun;
6	W	*Rochford*, Essex	3	25	Than miser with famine, than lawyer with quill.
7	T	*Atherston* Warw	3	54	To dispatch us the quicker,
8	F		4	19	You forbid us malt liquor;
9	S		4	50	Till our bodies consume, and our faces grow pale.
10	B	Low Sunday.	5	14	Observe you who pleases,
11	M	*Newport-Pagn.*	☽ sets.		What cures all diseases.
12	T		8 A	36	Is a comforting dose of good Nottingham ale.
13	W	*Budworth*, Ch.	9	3	Ye *Lovers*, who talk of fires, flames darts and daggers,
14	F		10	36	With Nottingham ale ply your mistresses hard;
15	F	*Bewdley*, Ham	11	31	The girl (if she likes it) will drink till she staggers,
16	S		Morn.		And all your past service and suffrings reward:
17	B	2 S. aft. Easter.	0	21	You may turn her and twist her,
18	M	*Malmsbury.*	1	7	And do what ye list, Sir;
19	T	Alphage Archb	1	43	Engage her but briskly, ye soon will prevail.
20	W	*Worcester.*	2	16	Fill, fill the glass often,
21	T	*Modbury.*	2	47	For nothing can soften
22	F	*Shrewsbury.*	3	13	The heart of a woman like Nottingham ale.
23	S	St. George.	3	39	Nottingham ale, &c.
24	B	3 S. aft. Easter.	4	4	
25	M	St. Mark.	4	32	
26	T	*Loughborough.*	☽ rises.		
27	W	*Boroughbridge.*	9 A	0	
28	T	*Aberforth.*	10	8	
29	F	*Market Harbor.*	11	18	
30	S	*Gisborough*, Y.	Morn.		

Ye

M D	Clock bef. ☉
1	3 59
6	2 30
11	1 3
16	0 aft. 16
21	1 23
26	2 22

Now *Corydon* news to his wife doth bring,
Walking abroad—he heard the *cuckow* ſing:
Ah! huſband ſhe reply'd—And ſo you might,
(Singing *yourſelf*, hear him both day and night.

			☉	☽	☽
21	1	All Fools all!	5 33	6 28	
22	2	Hewſon Cobler.	5 31	6 30	
23	B	Man toils and	5 29	6 32	
24	4	moils and	5 27	6 34	
25	5	ſpends him-	5 25	6 36	
26	6	ſelf,	5 23	6 38	
27	7	And takes great	5 21	6 40	
28	8	pains to pur-	5 19	6 42	
29	9	chaſe wealth:	5 17	6 44	
30	B	Then unto	5 15	6 46	
31	11	ſpendthrifts	5 13	6 48	
A	12	doth let it,	5 11	6 50	
2	13	Who ſpend it	5 10	6 51	
3	14	faſter than he	5 8	6 53	
4	15	got it.	5 6	6 55	
5	16	Tom Pick.	5 4	6 57	
6	B	Tearſmock.	5 2	6 59	
7	18	Jack Hughes.	5 0	7 1	
8	19	William Wilkin.	4 58	7 3	
9	20	If thy wife	4 56	7 5	
10	21	hear the *cuckow*	4 54	7 7	
11	22	ſing,	4 52	7 9	
12	23	Tell her the	4 51	7 10	
13	B	reaſon, "Cauſe	4 49	7 12	
14	25	'tis Spring."	4 47	7 14	
15	26	Downright Dick.	4 45	7 16	
16	27	John Okey.	4 43	7 18	
17	28	Pow'ſet.	4 41	7 20	
18	29	Ralph Mould.	4 40	7 21	
19	30	John Hall.	4 38	7 23	

Felices errore ſuo.

"The *Americans* believe that all creatures have ſouls, not only men and women, but brutes, vegitables, nay even the moſt inanimate things, as ſtocks and ſtones. They believe the ſame of all the works of art, as of knives, boats, looking-glaſs: and that as any of theſe things periſh, their ſouls go into another world, which is inhabited by the ghoſts of men and women. For this reaſon they always place by the corpſe of their dear friend a bow and arrows, that he may make uſe of the ſouls of them in the other world, as he did of their wooden bodies in this. How abſurd ſoever ſuch an opinion as this may appear, our *European* philoſophers have maintain'd ſeveral notions altogether as improbable. Some of *Plato's* followers, when they talk of the world of ideas, entertain us with ſubſtances and beings no leſs extravagant and chimerical. Many *Ariſtoteleans* have likewiſe ſpoken as unintelligibly of their ſubſtantial forms. I ſhall only inſtance *Albertus Magnus*, who in his

MAY hath xxxi Days. P. R.

				M D	Decl. ☉ North.
				1	15° 10
Last Quart.	the 2	Day at	midnight.	6	16 37
New Moon	the 10		12 m. past 3 Afternoon.	11	17 57
First Quart.	the 18		7 in the Evening.	16	19 c
Full Moon	the 25		18 m. past 5 Afternoon.	21	20 15
				26	21 11

1	B	4 S. aft. Easter	0 M	15	St. Ph. & Jac. Ap. & Mart.
2	M	*Lancaster.*	1	0	Ye *Poets*, who talk of the Heli
3	T	Invent. of the ✝	1	38	con brook,
4	W	*Boston*, Linc.	2	11	The nectar of gods, or the juice of the vine;
5	T	*Monmouth.*	2	38	Who say none can write well un-
6	F	St. John Evan.	3	4	less they invoke
7	S	*Bath* City.	3	28	The friendly assistance of one of the Nine:
8	B	Rogation-Sun.	3	50	This liquor surpasses
9	M	*Bosworth*, Lei.	4	14	The streams of Parnassus,
10	T	*Fringe*, Norf.	☽ Sets.		Wine, Muse, or Ambrosia, on which gods regale:
11	W	Rogation-W.	8 A	c	For experience will show it,
12	T	Holy Thursd.	9	26	What makes a good poet,
13	F	*Crouch*, Essex.	10	20	Is *Quantum sufficit* of Nottingham ale.
14	S	*Newark*, on Tr.	11	5	
15	B	6 S. aft. Easter.	11	42	Nottingham ale, &c. &c.
16	M	*Caerwillis*, Ca.	Morn.		Now hills and woods in rich array
17	T	*Brentford*, Mid.	0	19	Welcome the coming in of MAY;
18	W	*Hatesbury*, Buck	0	50	Dame *Flora* from her green lap throws,
19	T	Q. Charlotte b.	1	18	The yellow cowslip and primrose:
20	F	*Galgarth*, Brec.	1	42	This is the time the eastern morn
21	S	*Ashburn*, Derb.	2	6	With summer's robes the plains adorn;
22	B	Whit-Sunday.	2	28	Prs. Eliz. born 1770.
23	M	Whit-Monday.	2	56	When as *Aurora's* splendid ray,
24	T	Whit-Tuesday.	3	27	Whose early rising hastes the day;
25	W	Ember Week.	☽ Rises		Calls *Ladies* from their beds to view
26	T	*Aug.* I. Abp. Ca.	9 A	00	Sweet *Maia's* pride and spangled hue,
27	F	Venerable Bede	10	5	Of downy-breasted *Flora's* dressing,
28	S		11	c	While hills and dales do boast the
29	B	Trinity Sund.	11	41	K. Ch. II. Birth and Return.
30	M	*Rochester*, Kent	Morn.		blessing.
31	T	Germanus.	0	15	

M D	Clock after ☉
1	3′ 8″
6	3 40
11	3 58
16	4 2
21	3 51
26	3 27

For thee, ſweet Month, the Groves green Liv'ries wear,
If not the firſt, the faireſt of the Year.
For thee the *Graces* lead the dancing *Hours*,
And *Nature*'s ready Pencil paints the Flowers.

20	B	Capt. Heath	4 36	7 25
21	2	Bobbadil	4 34	7 27
22	3	Bloody Butcher	4 33	7 28
23	4	Palladium	4 31	7 30
24	5		4 30	7 31
25	6	Now the tall	4 28	7 33
26	7	MAY-POLE does	4 26	7 35
27	B	advance,	4 25	7 36
28	9	And Men and Maids	4 23	7 38
29	10	about it dance:	4 22	7 39
30	11	And Milkmaids airy,	4 20	7 41
May 1	12	neat and clean.	4 19	7 42
	13	Bedeck their Pails	4 17	7 44
3	14	with Garlands green	4 16	7 45
4	B		4 14	7 47
5	16	Card. Richlieu	4 12	7 48
6	17	Van Trump	4 11	7 50
7	18	Doctor Parry	4 10	7 51
8	19	When Maids into	4 8	7 53
9	20	their Teens are	4 6	7 54
10	21	got,	4 5	7 55
11	B	They're for an	4 3	7 57
12	23	Huſband piping	4 2	7 58
13	24	hot.	4 1	7 59
14	25		4 0	8 0
15	26	Jonathan Wild	3 59	8 1
16	27	Ch. Wileboar	3 58	8 2
17	28	Jack Gooded	3 57	8 3
18	B	Will. Green	3 56	8 4
19	30	Jack Addam	3 55	8 5
20	31	John Downs	3 54	8 6

his diſſertation upon the Load-ſtone, obſerving that fire will deſtroy its magnetick virtues, tells us, that he took particular notice of one as it lay glowing amidſt an heap of burning coals, and that he perceived a certain blue vapour to ariſe from it, which he believed might be the *ſubſtantial Form*, that is, in our *Weſt-Indian* phraſe, the *Soul* of the Load-ſtone.

"There is a tradition among the *Americans*, that one of their countrymen deſcended in a viſion to the great repoſitory of ſouls; or, as we call it here, to the OTHER World; and that upon his return he gave his friends a diſtinct account of every thing he ſaw among thoſe regions of the dead.

The Viſionary, whoſe name was *Marraton*, after having travelled a long ſpace under an hollow mountain, arrived at length on the confines of this world of Spirits, but could not enter it by reaſon of a thick foreſt made up of buſhes, brambles, and pointed thorns, ſo perplexed and interwoven with one another, that it was impoſſible to find a paſſage

JUNE [illegible]	P. Robin.	M D	☉ Dec. North.
Last Quarter the 1	15 min. past 8 Forenoon.	1	22° 7
New Moon the 9	16 min. past 6 Morning.	6	22 42
First Quarter the 17	18 min. past 7 Morning.	11	23 8
Full Moon the 23	Midnight.	16	23 24
Last Quarter the 30	7 at Night.	21	23 29
		26	23 24

1	W	Nicom. Rom. P.	0	M	45
2	T	*Daventry.*	1		10
3	F	*Harsley Green.*	1		34
4	S	[illegible]	1		58
5	F	[illegible]	2		20
6	M	*Belton*, Leicest.	2		45
7	T	*Montgomery.*	3		15
8	W	St *Germains.*	3		46
9	T	*Haddersfield.*	☽ Sets		
10	F	Frs Amelia Ap.	8	A	55
11	S	[illegible]	9		40
12	[illegible]	[illegible] Trin.	10		17
13	M	*Kidderminster.*	10		48
14	T	*Bangor*, Carn.	11		17
15	W	*Royston*, Som.	11		42
16	T	*Wrexham*, Denb	Morn.		
17	F	St Alban, Mart.	0		12
18	S	*Wiggan*, Lanc.	0		28
19	[illegible]	[illegible] Trin.	0		54
20	M	Transl. Edw. K.	1		21
21	T	*Highbeach*, Ess.	1		54
22	W	*Boroughbridge.*	2		31
23	T	*Folkingham*, Lin.	3		10
24	F	[illegible] Sap.	☽ Rises		
25	S	Etheldred.	9	A	29
26	[illegible]	[illegible]	10		9
27	M	*Burton* on Trent	10		42
28	T	*Higham Ferrers.*	11		12
29	W	[illegible] Ap.	11		55
30	T	*Bridgenorth.*	Morn.		

On ev'ry twig there hangs a pearl,
And *Hobbinol* invites his girl (nest,
To walk the fields betimes, with quick-
In order to prevent—*Green-sickness.*
At *Islington*, and *Primrose Hill*,
Prince ERNEST AUGUSTUS born.

Your belly you with cake may fill;
And nappy ale — but this by th'way,
When that is done, you needs must pay.
For money! it doth answer all things:
Both great things, middle things, and
small things. (slow;
'Twill make them quick, whose pace is
The old wife-trudge; the *Mare* to go:
The nurse feed child, and to sleep rock it;
Be sure of MONEY then in pocket.
This month in most things is contrary
To what we find in *January*;
For then, 'tis what most men desire,
To sit and chat by a good fire:
But now, to cool themselves, they harbour
Under the shade of a green arbour;
Then, boys on ice slide to get heat;
Now, souse in ponds to wash off sweat:
Frost, snow and hail, cold *January* yields;
Old St Barnabas,
Now *Flora's* gawdiest shew adorns the
fields:
Then, days are short, and long the night;
Now nights are short, days long & bright,
In *January* men do play
At cards and dice their time away;
Now men and maids do merry make,
At stool-ball, and at barley-break:
Then, salted pork and powder'd beef
Is thought the belly's best relief;

M	D	Clock after ☉
	1	2 43
	6	1 54
	11	0 57
	16	0 bef. 4
	21	1 8
	26	2 12

This *Month* the Sun enters into the *Crab*.
The Days are hot, — Therefore avoid a *Drab*:
With *French* Diſeaſe ſhe'll fill your Guts & Bones,
And that will fill you with ſad Sighs & Groans.

21	1		Bobbin Joan	3	53	8 7
22	2		Ralph Driſco	3	52	8 8
23	3		Tom Sturdy	3	51	8 9
24	4			3	50	8 10
25	5		Now Term is in	3	49	8 11
26	6		the Lawyers	3	48	8 12
27	7		they	3	48	8 12
28	8		Will buſy be,	3	47	8 13
29	9		as Men at Hay:	3	47	8 13
30	10			3	47	8 13
31	11		It is their Harveſt,	3	46	8 14
	12		and they'll trot	3	46	8 14
	13		About until they've	3	46	8 14
	14		Money got.	3	45	8 15
4	15		Dick Cowpel	3	45	8 15
5	16		Poor Robin.	3	44	8 16
6	17		Tantaonius.	3	44	8 16
7	18		Bonny Beſs.	3	43	8 17
8				3	43	8 17
9	20		But whoſoever	3	43	8 17
10	21		gets the Day,	3	43	8 17
11	22		The Client muſt	3	43	8 17
12	23		the Reck'ning pay.	3	43	8 17
13	24			3	44	8 16
14	25		Lawyers ſhall have	3	44	8 16
15	26		no Chink of mine:	3	44	8 16
16	27		Thou mayſt do	3	45	8 15
17	28		what thou wilt	3	45	8 15
18	29		with thine.	3	45	8 15
19	30		Muggleton.	3	46	8 14

paſſage through it. Whilſt he was looking about for ſome track or pathway that might be worn in any part of it, he ſaw an huge lion couched under the ſide of it, who kept his eye upon him in the ſame poſture as when he watched for his prey. The *Indian* immediately ſtarted back, whilſt the lion roſe with a ſpring, & leaped towards him. Being wholly deſtitute of all other weapons, he ſtooped down to take up an huge ſtone in his hand; but to his infinite ſurpriſe graſped nothing, and found the ſuppoſed ſtone to be only the apparition of one. If he was diſappointed on this ſide, he was as much pleaſed on the other, when he found the lion, which had ſeized on his left ſhoulder, had no power to hurt him, and was only the ghoſt of that ravenous creature which it appeared to be. He no ſooner got rid of his impotent enemy, but he marched up to the wood, and after having ſurveyed it for ſome time, endeavoured to preſs into one part of it that was a little thinner than the reſt, when again, to his great ſurpriſe,

New Moon the 8
First Quarter the 16
Full Moon the 23
Last Quarter the 30
} Day at {
a quarter past 9 at Night.
half past 4 Afternoon.
half past 6 Morning.
a quarter past 8 Morning.

M	D	☉ Dec. North.
1	23°	9′
6	22.	43.
11	22	8.
16	21	23
21	20	30.
26	19.	27

1	F	*Worksop*, Nott.	0	M	2
2	S	Visit. B. V. Ma.	0		22
3	B	5 S. after Trin.	0		51
4	M	Transl S. Mart.	1		18
5	T	O. Midl. Day.	1		44
6	W	*Liverpool*, Lanc.	2		14
7	T	Tho. à Becket.	2		55
8	F	*Folkestone*, Kent.	D	Sets	
9	S	*Bromley*, Dev.	8	A	15
10	B	6 S. after Trin.	8		50
11	M	*Mansfield*, Nott	9		14
12	T	*Canterbury*, K.	9		43
13	W	*Huntingdon*.	10		6
14	T	D. decr. 24 min.	10		30
15	F	Swithun. Bp.	10		55
16	S	*Winchester* Ham	11		22
17	B	7 S. after Trin.	11		47
18	M	*Exeter*, Dev.	Morn.		
19	T	*Kenningball*, N.	0		27
20	W	Margaret, V. M.	1		8
21	T	*Fowlness*, Kent	1		59
22	F	St Mary Magdal.	2		58
23	S	*Daventry* North	D	Rises	
24	B	8 S. after Trin.	8	A	35
25	M	S. James, Ap.	9		4
26	T	St Ann, M. B. V.	9		30
27	W	*Headon*, Yorksh.	9		56
28	T	*Evelin*, Worcest.	10		25
29	F	Beatrice	10		43
30	S	Dog Days beg.	11		10
31	B	9 S. after Trin.	11		38

Now, what to th'palate's in high season,
Is curds and cream, or else green peason:
In *January* men do go
Close muffled up from top to toe;
Now, weather it so warm doth hold,
That men, tho' naked, feel no cold:
That *Month* shews us old age & time;
This shews us manhood in full prime:
That shews the winter of our life;
And this the time to take a wife.
Now doth the dairy-maid, kind *Nan*,
Old St Peter.
Invite *Tom Trim*, the servant man,
With *Robin*, for to have a club,
At drinking of a *Syllabub*:
Robin brings sugar, *Tommy* ale,
To meet her at the milking pail.
The Lawyers lodge, *Westminster-hall*,
Is now quite free from noise and brawl:
Those Legislators, neat and fine,
Are brewing business 'gainst next time:
Whilst Clients get in hay and corn,
For to provide against a storm.
Let Landlords, or let who will stay,
The Lawyers will be sure of pay.
Queen of Denmark born 1751.
Revenge does run on nimble legs,
And's sweet as *Muscadine* and *Eggs*;
And tho' at Term their money's spent,
If harden'd they'll not yet repent;
If begging, borrowing, or else selling,
Can help them to more money-telling.
For Lawyers sure are to come by it,
Till 'tis all gone — then they'll be
quiet.

Good

1774. Observations for JULY.	M D	Clock before ☉
Now wanton Lads and Lasses make the Hay,	1	3 13
Which unto wanton Pastimes leads the Way:	6	4 7
With tumbling on the *Cocks* — which acted duly	11	4 52
Will make them think hereafter on this JULY.	16	5 28
	21	5 49
	26	5 57

20	1	Herostratus.	3 46	8	14	surprise, he found the bushes
21	2	Frank Challo	3 46	8	14	made no resistance, but that
22	B	Jack Toon.	3 47	8	13	he walked through briers and
23	4	Rattle Price.	3 48	8	12	brambles with the same ease
24	5	More sellers far	3 48	8	12	as through the open air; and,
25	6	of Ale than Meat,	3 49	8	11	in short, that the whole wood
26	7	For why?	3 50	8	10	was nothing else but a wood
27	8	men drink	3 51	8	9	of shades. He immediately
28	9	more than they eat.	3 52	8	8	concluded, that this huge thic-
29	B		3 53	8	7	ket of thorns and brakes was
30	11	Ned Ludlow.	3 54	8	6	designed as a kind of fence or
31	12	Muckle John.	3 55	8	5	quickset hedge to the ghosts it
	13	Mahomet.	3 56	8	4	enclosed; and that probably
3	14	Tom Onion.	3 57	8	3	their soft substances might be
4	15		3 58	8	2	torn by these subtil points and
5	16	In this month	3 59	8	1	prickles, which were too weak
6	B	follow my advice,	4 0	8	0	to make any impressions on
7	18	Never to slide	4 1	7	59	flesh and blood. With this
8	19	upon the ice.	4 2	7	58	thought he resolved to travel
9	20		4 3	7	57	through this intricate wood;
10	21	King Pippin.	4 4	7	56	when by degrees he felt a gale
11	22	Mad Bess.	4 5	7	55	of perfumes breathing upon
12	23	Henpeck'd Ned.	4 6	7	54	him, that grew stronger and
13	B		4 7	7	53	sweeter in proportion as he
14	25	All backward goes,	4 8	7	52	advanced. He had not pro-
15	26	against the law,	4 10	7	50	ceeded much farther, when he
16	27	When that the cart	4 11	7	49	observed the thorns and briers
17	28	the horse doth	4 13	7	47	to end, and give place to a
18	29	draw.	4 15	7	45	thousand beautiful green trees,
19	30	Don Dieg	4 17	7	43	covered with blossoms, of the
	B	Hudibras.	4 18	7	42	finest scents and colours, that
		Ralpho.				formed a wilderness of sweets;
						and were a kind of lining to
						those rugged scenes which he
						had before passed through. As
						he was coming out of this de-
						light-

AUGUST hath xxxi Days. P.R.

M D	☉ Dec. North
1	18° 2
6	16 42
11	15 16
16	13 44
21	12 6
26	10 29

New Moon the 7
1st Quarter the 14
Full Moon the 21
Last Quarter the 28
} Day at { Noon. / half past 11 at Night. / 3 in the Afternoon. / 15 m. past Midnight.

1	M	Lammas Day.	Morn.		Good meat, good drink, and eke good cloth,
2	T	*Winchester.*	0	11	In good old *Sack* you've all and both:
3	W	*Daventry.*	0	50	It is *Canary* doth infuse
4	T	*Epsom*, Surry.	1	32	New life and vigour in a Muse:
5	F	Old St James.	2	22	Then give me *Sack*, the case is clear,
6	S	Transfig. of L.	3	17	'Tis better far than bad *Small Beer*.
7	B	10 S. after Trin.	D	Sets	Now Lawyers they do idle lye,
8	M	*Furfut*, Cornw.	7	A 48	Whilst countrymen their business ply,
9	T	*Llanyrst*, Denb.	8	20	To get their barley, what and rye:
10	W	S. Laur. Arch. D	8	40	With sweat and labour taking pain,
11	T	Prs. Augusta bo.	9	2	For to get in all kinds of grain,
12	F	Old Lammas.	9	27	Before it spoiled be with rain.
13	S	*Northampton.*	9	56	Prince of Wales born 1762.
14	B	11 S. after Trin.	10	29	At *Westminster* no noise they keep,
15	M	*Bakewell*, Derb.	11	8	But quiet are as lambs or sheep,
16	T	Rochus.	11	53	You'd think the Lawyers all asleep.
17	W	*Bardney*, Hamp.	Morn.		Pr. Fred. Bp of Osnab. born 1763
18	T	D. dec. 2h. 10m.	0	48	Your pocky, painted suburb whores,
19	F	*Dartington* Dev	1	56	With brasen face stand at their doors,
20	S	D. 14h. 16m. lo.	3	9	To tempt young cullies to their sores:
21	B	12 S. after Trin.	D	Rises	But yet for all their flattery,
22	M	*Bracknell*, Berks	7	30	Prince William Henry born 1765
23	T	*Dinton*, Oxf.	7	55	And tricks they use to cog and lie,
24	W	St Bartholomew	8	20	No man of sense will come them nigh.
25	T	*Llanerchemith.*	8	48	Their trade is grown so very low,
26	F	*Worcester*, City.	9	12	Their clothes must to the Broker's go,
27	S	*Coventry*, City.	9	42	Or else the jades must suffer wo!
28	B	13 S. after Trin.	10	12	But 'tis no matter — starve and die,
29	M	Behead. of J. Bap	10	47	And all knaves given to letchery,
30	T	*Barnham.*	11	30	O! may their whores them *pockify*.
31	W	D. dec. 2h. 58. m	Morn.		These public *jilts* we well could spare,
					But too too many private are,
					Whose husbands may go to *Horn-fair*.

M	D	Clock before ⊙
	1	5 49
	6	5 23
	11	4 44
	16	3 52
	21	3 44
	26	1 27

The Days are long, the Weather warm;
A Sweat at Work will do no Harm:
If my Advice is not forgot,
Drink no Small Beer when you are hot.

21	1	Merlin.	4 19	7 41	lightful part of the wood	
22	2	Zoilus.	4 21	7 39	and entering upon the plains	
23	3	Sancho Pance.	4 23	7 37	it encloſed, he ſaw ſeveral	
24	4	Momus.	4 24	7 36	horſemen ruſhing by him,	
25	5	Don Quixote.	4 25	7 34	and a little after heard the	
26	6	With mourning	4 27	7 32	cry of a pack of dogs. He	
27	7	clothes there's	4 28	7 31	had not liſtened long, before	
28	8	many clad,	4 30	7 29	he ſaw the apparition of a	
29	9	With inſide merry,	4 31	7 28	milk-white ſteed, with a	
30	10	outſide ſad.	4 33	7 26	young man on the back of	
31	11		4 35	7 24	it, advancing upon full	
	12	John Downs.	4 36	7 23	ſtretch after the ſouls of	
	13	Dedalus.	4 38	7 21	about an hundred beagles,	
3	14	Jack Robinſon.	4 40	7 19	that were hunting down the	
4	15	Now Farmers do	4 42	7 17	ghoſt of an hare, which ran	
5	16	their Buſineſs ply,	4 44	7 15	away before them with an	
6	17	While Lawyers	4 45	7 14	unſpeakable ſwiftneſs. — As	
7	18	they do idle ly.	4 47	7 12	the man on the milk-white	
8	19		4 49	7 10	ſteed came by him, he looked	
9	20	But Lawyers	4 51	7 8	upon him very attentively,	
10	21	more in one	4 53	7 6	and found him to be the	
11	22	Term clear,	4 54	7 5	young Prince *Nicharagua*,	
12	23	Than Farmers	4 56	7 3	who died about half a year	
13	24	do in one	4 58	7 1	before, and, by reaſon of his	
14	25	whole Year.	5 0	6 59	great virtues, was at that time	
15	26		5 2	6 57	lamented over all the weſtern	
16	27	Jack ô Legs.	5 4	6 55	parts of *America*.	
17	28	Laird Lovet.	5 6	6 53	"He had no ſooner got	
18	29	Tom Hall.	5 8	6 51	out of the wood, but he was	
19	30	Peggy Davis.	5 10	6 49	entertained with ſuch a land-	
20	31	Smirking Sue.	5 12	6 47	ſcape of flowery plains, green	

meadows, running ſtreams, ſunny hills, and ſhady vales, as were not to be repreſented by his own expreſſions, nor as he ſaid, by the conception o

M D	☉ Decl North.
1	8° 15′
6	6 24
11	4 30
16	2 35
21	0 38
26	1 S. 10

New Moon the 6
first Quarter the 12
full Moon the 20
last Quarter the 27
} Day at {
2 in the Morning.
half past 5 Afternoon.
12 min. past 1 Morning.
7 at Night.

1	T	Giles, Abbot.	☽ M	19	I cou'd say more — but tender care
2	F	Lond. burnt, O.S.	1	10	Of the fair sex, makes me to spare
3	S	*Brecknock.*	2	13	Some *Hints* until another year.
4	B	14 S. after Trin.	3	15	
5	M	*Ashby de la Zouch*	4	20	Old Saint Bartholomew. (in't.
6	T	*Folkingham* Lin.	☽ Sem		Now the month's name has got an *A*
7	W	Dog Days end.	7	A 18	*Astrologers* do see so far in't,
8	T	Nat. Bl. V. M.	7	44	As they affirm, and with good reason,
9	F	*Gisborough*, Yo.	8	10	That *Oisters* now come into season;
10	S	Day 12h. 56m. l.	8	43	By which we may prognosticate,
11	B	15 S. after Trin.	9	18	Scolding there'll be at *Billingsgate:*
12	M	*Brentford*, Mid	10	0	Where——You're a queen, and you're a whore,
13	T	*Tiddeswell*, Der.	10	48	A bitch,---a jade, ---and twenty more
14	W	Ember Week	11	50	Such compliments may then be heard
15	T	*Durham*, City.	Morn.		To pass among that brawling herd:
16	F	*Walsall*, Staff.	0	58	But let them rail, and scold, and curse,
17	S	Lambert, Bish	2	10	Their *Oisters* will eat ne'er the worse:
18	B	16 S. after Trin.	3	34	That this is true, none can deny,
19	M	*Waltham*, Leic	4	52	Nor is it any fallacy,
20	T	*Manchester.*	☽ Rises		That being well wash'd down with *Sack*,
21	W	St Matthew. Ev.	6	A 51	*Oisters* no commendation lack.
22	T	Equ. D. & Night	7	19	But yet ('tis true) as *Grogin* says,
23	F	*Halkin*, Wilts.	7	47	There's fault in *Oisters* divers ways:
24	S	*Chesshunt*, Herts.	8	18	As, *first*, they are ungodly meat,
25	B	17 S. after Trin.	8	52	K. George III. & Q. Charlotte cro.
26	M	St Cyprian, Abp.	9	31	'Cause without *Grace* men do them eat;
27	T	*Derby.*	10	16	Unscharitable too; for why?
28	W	*Gloucester.*	11	8	The poor no offal get thereby:
29	T	St Michael.	Morn.		*Thirdly*, Unprofitable too,
30	F	S. Jer. Pr. Conf.	0	7	'Cause without wine they will not do;
					Yet, give me *Oisters*; give me *Wine*,
					I'll either *sup* with you---or *dine.*
					Princess Royal born 1766.

The

M D	Clock after ☉
1	0′ 19″
6	1 55
11	3 35
16	5 21
21	7 6
26	8 47

Now winged Birds a ſilly chirping keep,
As tho'they fain wou'd ſing, or fain wou'd weep;
Parting from *Summer*, which ſo ſoon is gone,
And ſad for *Winter*, that's ſoon coming on.

21	1	Jack Bradwel.	5 14	6 45	of others. This happy re-
22	2	Tyburn.	5 15	6 44	gion was peopled with innu-
23	3	Old Noll.	5 17	6 42	merable ſwarms of ſpirits,
24	B	Some Maids have	5 19	6 40	who applied themſelves to ex-
25	5	looks enough to	5 21	6 38	erciſes and diverſions accord-
26	6	move,	5 23	6 36	ing as their fancies led them.
27	7	The coldeſt Heart	5 25	6 34	Some of them were toſſing
28	8	to warmeſt Love.	5 27	6 32	the figure of a coit; others
29	9	But take great Care	5 29	6 30	were pitching the ſhadow of a
30	10	with whom you	5 31	6 28	bar; others were breaking
31	B	wed,	5 33	6 26	the apparition of a horſe; and
32	12	Dick Bidmead.	5 35	6 24	multitudes employing them
33	13	Richard Daw.	5 37	6 22	ſelves about ingenious handi-
34	14	Jerry Workman.	5 39	6 20	crafts, with the ſouls of de-
35	15	Left with a *Wag-*	5 41	6 18	parted *utenſils*; for that is the
36	16	*tail* you be ſped:	5 43	6 16	name which in the *Indian*
37	17	For, ſuch are finely	5 45	6 14	language they give their tools,
38	B	brought to Bed!	5 47	6 12	when they are burnt or bro-
39	19		5 49	6 10	ken. As he travelled thro'
40	20		5 51	6 8	this delightful ſcene, he was
41	21	Three forward	5 53	6 6	very often tempted to pluck
42	22	Laſſes here	5 55	6 4	the flowers, that roſe every
43	23	Sall Mitchell.	5 57	6 2	where about him in the great-
44	24	Sall Gregory.	5 59	6 0	eſt variety and profuſion; hav-
45	B	Sarah Boot.	6 1	5 58	ing never ſeen ſeveral of them
46	26	you find,	6 3	5 56	in his own country: But he
47	27	To Modeſty	6 5	5 54	quickly found, that though
48	28	not much	6 7	5 52	they were objects of his ſight,
49	29	inclin'd.	6 9	5 50	they were not liable to his
50	30	Mother Cunney.	6 11	5 48	touch. He at length came to
					the ſide of a great river, and
					being a good fiſherman him-
					ſelf, ſtood upon the banks of
					it ſome time, to look upon an
					angler that had taken a great
					many ſhapes of fiſhes, which

lay

OCTOBER hath xxxi Days. P.R.	M D	☉ Decl. South.
	1	3° 26′
New Moon the 5	6	5 12
First Quarter the 12	11	7 7
Full Moon the 19	16	8 59
Last Quarter the 27	21	10 48
	26	12 33

Day at: 3 Afternoon. 11 Forenoon. 24 min. past 2 Aftern. 3 Afternoon.

1	S	Remig. B. of R.	1	M	10
2	B	18 S. after Trin.	2		15
3	M	*Nottingham.*	3		21
4	T	*Penkridge*, Staff.	4		32
5	W	*Lamport*, Som.	☽ Sets		
6	T	Faith, V. & M.	6	A	32
7	F	*Billericay*, Ess.	6		55
8	S	*Abingdon*, Berks	7		30
9	B	19 S. after Trin.	8		11
10	M	Old Mich. Day	8		58
11	T	*Leicester.*	9		58
12	W	*Salisbury*, Wilts	11		2
13	T	Transl. of K.E.	Morn.		
14	F	*Worksop*, Nott.	0		16
15	S	*Fasely*, Warw.	1		28
16	B	20 S. after Trin.	2		42
17	M	Etheldred, Vir.	3		0
18	T	St Luke Evan.	5		13
19	W	*Oxford.*	☽ Rises		
20	T	*Ashborne*, Derb.	5	A	51
21	F	*Gainsbro'*, Linc.	6		20
22	S	*Wells*, Som.	6		52
23	B	21 S. after Trin.	7		30
24	M	*Windsor*, Berks.	8		11
25	T	Crispin, Mart.	9		0
26	W	Day 9h. 56m. lo.	9		56
27	T	*Warwick.*	10		53
28	F	St Sim. & Jude.	11		56
29	S	Old St Luke.	Morn.		
30	B	22 S. after Trin.	1		8
31	M	*Bridgnorth*, Shr.	2		14

The long *Vacation*'s near an end,
The *Term* comes on, the *Lawyer*'s friend;
More welcome unto them by far
Than *Citizens* in harvest are
To *Countrymen*, who come to see
Their friends, when they most busy be;
Who then had rather, ('tis no lie)
Their *Room* have than their *Company*.
Now we, the *English*, white Wine make,
And from the juice of Apples take
Fine *Cyder*, which does most appear
In *Her'ford*, and in *Glo'stershire*:
But, in most parts, there is some made,
Which much does help the *Vintner*'s trade.
However, it is good, I think,
Being sugar'd well, for men to drink:
But if the weather chance t' be cold,
A glass of *Rum* I better hold.

But think of *Crispin* and *Crispanus*,
Or else the *Shoemakers* will blame us;
For, to the honour of them, they
Will keep a drunken holiday:
No *Cobler* can be found almost,
But then will have *a Dish of Roast*;
Altho' they *Eggs* or *Apples* are;
But then for *Drink* he will not spare:

King George III. Inaugurat.
King Geo. III. Proclaim'd. 1760

For not one *Gentle-craft* in ten,
But are *boon* blades, true *pitcher-men*.

Let

The Sportſmen keen do now prepare
To hunt the Fox, or tim'rous Hare;
And if by *Day* they find no Sport,
A *Fox* at *Night* requites them for't.

			1	10'	26"		
			6	11	55		
			11	13	14		
			16	14	24		
			21	15	19		
			26	15	54		

20	1		Jack Adams.	6	12	5	47
21		B	Phebe.	6	14	5	45
22	3		Dr Lamb	6	16	5	43
23	4		Will Say.	6	18	5	41
24	5		A handſom Wife,	6	20	5	39
25	6		with Portion	6	22	5	37
26	7		great,	6	24	5	35
27	8		Is very good	6	26	5	33
28		B	the Bed to heat;	6	28	5	31
29	10			6	30	5	29
30	11		But if ſhe have	6	32	5	27
	12		Money none,	6	34	5	25
	11		It were as well	6	36	5	23
	14		to lie alone.	6	38	5	21
	15		Tom Barber.	6	40	5	19
		B	Jack Butcher.	6	42	5	17
	17		Scot Brewer.	6	44	5	15
	18		Jack Jaquis.	6	46	5	13
	19			6	47	5	12
	20		A blaſted Maiden-	6	49	5	10
	21		head, they ſay,	6	51	5	8
	22		Is worſe than	6	53	5	6
		B	ſmutty Wheat,	6	55	5	4
	24		or rotten Hay.	6	57	5	2
	25		Tipling Hugs.	6	59	5	0
	26		Jack Carew.	7	1	4	58
	27		Ned Ludlow.	7	3	4	56
	28		Will Lowe.	7	5	4	54
	29		Adrian Pope.	7	7	4	52
		B	Bloody Box	7	9	4	50
	31		Dan. Ayres.	7	11	4	48

lay flouncing up and down by him.

I ſhould have told my reader, that this *Indian* had been formerly married to one of the greateſt beauties of his country, by whom he had ſeveral children. This couple were ſo famous for their love and conſtancy to one another, that the *Indians* to this day, when they give a marry'd man joy of his wife, wiſh they may live together like *Maraton* and *Yaratilda*. *Maraton* had not ſtood long by the fiſherman, when he ſaw the ſhadow of his beloved *Yaratilda*, who had for ſome time fixed her eye upon him, before he diſcovered her. Her arms were ſtretched out towards him, floods of tears ran down her eyes; her looks, her hands, her voice, called him over to her; and at the ſame time ſeemed to tell him that the river was impaſſable. Who can deſcribe the paſſion, made up of joy, ſorrow, deſire, love, aſtoniſhment, that roſe in the *Indian* upon the ſight of his dear *Yaratilda*? He could expreſs it by nothing but his tears, which ran like a river down his cheeks as he looked

upon

NOVEMBER hath xxx Days. P. R.

M D	☉ Dec. South.
1	14° 33′
6	16 6
11	17 32
16	18 51
21	20 1
26	21 2

New Moon the 4
First Quarter the 10
Full Moon the 18
Last Quarter the 26
} Day at {3 in the Morning. 7 at Night. 6 in the Morning. 11 Forenoon.

1	T	All Saints Day	3	M	24
2	W	*Coventry*, City.	4		36
3	T	*Rochdale*, Lanc.	5		50
4	F	*Appleſhaw* Ham.	D		Sets
5	S	Papiſts Conſpir.	6	A	10
6	B	23 S. after Trin.	6		57
7	M	Horentius.	7		55
8	T	*Bingham*, Nott.	9		0
9	W	*Stamford*, Linc.	10		10
10	T	*Rocheſter*, Kent.	11		22
11	F	Martinmas.			Morn.
12	S	Old All Saints.	0		38
13	B	24 S. after Trin.	1		50
14	M	*Brecnock*, 5 Days	3		7
15	T	Machutus, B.	4		18
16	W	*Andover*, Hamp	5		26
17	T	Hugh, B. Linc.	6		36
18	F	Gelaſius.	D		Riſes
19	S	*Woodcot*, Oxf.	5	A	21
20	B	25 S. after Trin.	6		4
21	M	*Garſtang*, Lanc.	6		48
22	T	Cecilia, V. & M.	7		40
23	W	S. Clem. B. of R.	8		36
24	T	Chryſogon.	9		40
25	F	Catharine V. & M.	10		39
26	S	*Caſtle-town*, Mo	11		46
27	B	Advent Sunday			Morn.
28	M	*Glouceſter*.	0		54
29	T	*Aſhborn*, Derb.	2		4
30	W	St Andrew, Ap.	3		22

Let *Maltſters* now their *Malting* ply,
Pr. Edward born 1767. All Souls.
For there's good money got thereby;
And money good will buy good *Ale*;
For why? 'Tis *that* does never fail:
But get your money that way never,
Duke of Cumberland born, 1745.
Princeſs Sophia Auguſta bo. 1768.
Lord Mayor's Day at London.
By thoſe bold words, *Stand, and deliver!*
For ſuch as uſe that trade too long,
I'd have 'em hang, and ſwing ding dong.
Kill *Hogs*, 'tis now a proper time;
Which, being ſalted well with brine,
The leg, or loin of pork, they are
A diſh of meat beyond compare:
The leg being boil'd, does very well;
But roaſted loin does far excel;
Nor is a breaſt of pork to be
Deſpis'd by either thee or me:
The head and feet will make good ſouſe,
Meat mighty ready in a houſe.
All which, and more good things, when kill'd,
An hog doth to his owner yield.

Huſband in bed, with Wife in arm,
Duke of Glocester born 1743.
Cling cloſe to keep each other warm:
If he kiſs her, and ſhe him kiſs,
I think there is no harm in this.

Since all mankind to happineſs
Lay ſome fantaſtick claim,

'Tis

M D	Clock after ☉
1	16′ 14″
6	16 8
11	15 43
16	14 54
21	13 45
26	12 18

Cold Winter comes — now Wine is good
To cheer your Heart, and warm your Blood;
Remember too (if you be able)
That store of Victuals crown your Table.

21	1		Crack-nut Night.	7 12	4 47
22	2		Henry Ireton.	7 14	4 45
23	3		Arthur Martin.	7 16	4 43
24	4		Dame Ward.	7 18	4 41
25	5		Guy Fauks.	7 20	4 39
26	6	B	Now Squibs	7 21	4 38
27	7		and Crackers	7 22	4 37
28	8		fly about,	7 24	4 35
29	9		For Joy the	7 26	4 33
30	10		*Papists* Plot's	7 28	4 31
31	11		found out.	7 29	4 30
NOV. 1	12		Smectiſſimus.	7 31	4 29
		B	Will Bell.	7 32	4 27
3	14		John Downs.	7 34	4 25
4	15		If *Poets* lie not,	7 36	4 23
5	16		then old *Pluto*,	7 37	4 22
6	17		Muſt by his	7 38	4 21
7	18		Horns be	7 40	4 19
8	19		a *Cornute*.	7 42	4 18
9		B	Tom James.	7 44	4 16
10	21		Charles Van.	7 45	4 15
11	22		There's many	7 46	4 14
12	23		Scrapes and Toils	7 48	4 12
13	24		(God wot)	7 50	4 10
14	25		For Wealth	7 51	4 9
15	26		for Heirs	7 52	4 8
16		B	they ne'er	7 53	4 7
17	28		beget.	7 54	4 6
18	29		Doll Palmer	7 55	4 5
19	30		Old Robin.	7 56	4 4
			Moll Bett.		

upon her. He had not ſtood in this poſture long, before he plunged into the ſtream that lay before him; and finding it to be nothing but the phantom of a river, walked on the bottom of it until he aroſe on the other ſide. At his approach, *Taraſilda* flew into his arms, whilſt *Maraſen* wiſhed himſelf diſencumbered of that body which kept her from his embraces. After many queſtions and endearments on both ſides, ſhe conducted him to a bower which ſhe had dreſſed with her own hands, with all the ornaments that could be met with in thoſe blooming regions. She had made it gay beyond imagination, and was every day adding ſomething new to it. As *Maraſen* ſtood aſtoniſhed at the unſpeakable beauty of her habitation, and raviſhed with the fragrancy that came from every part of it, *Taraſilda* told him, that ſhe was preparing this bower for his reception, as well knowing that his piety to his God, and his faithful dealing towards men, would certainly bring him to that happy place, whenever his life ſhould be at an end. She then

DECEMBER hath xxxi Days. P.R.

M D	☉ Decl. South.
1	21° 54
6	22 34
11	22 4
16	23 22
21	23 29
26	23 24

New Moon the 3
First Quarter the 10
Full Moon the 18
Last Quarter the 26
} Day at {
40 min. past 1 Afternoon.
5 in the Morning.
2 quart. past Midnight.
40 min. past 4 Morning.

1	T	*Rotheram*, York	4 M	34	
2	F	*Hoxne*, Suff.	5	52	
3	S	*Pennyfont*, Som.	D	Sets	
4	B	2 Sun. in Adv.	5 A	35	
5	M	*Colford*, Glou.	6	38	
6	T	Nicol, Bish.	7	44	
7	W	D. dec. 8h. 34m.	9	2	
8	T	Concep. B. V M	10	21	
9	F	*Bradford*, Wilts	11	36	
10	S	*Kimbolton*, Hun	Morn.		
11	B	3 Sun. in Adv.	0	49	
12	M	*Bedal*, Yorksh.	2	0	
13	T	Lucy, V. & M.	3	10	
14	W	Ember Week.	4	19	
15	T	*Nampteich*, Ch.	5	25	
16	F	O Sapientia.	6	27	
17	S	*Exeter*, Devon.	D	Rises	
18	B	4 Sun. in Adv.	4 A	29	
19	M	Day 7h 44m. lo.	5	19	
20	T	*Northampton*.	6	12	
21	W	St Thomas, Ap.	7	12	
22	T	*Newport-Kearns*	8	15	
23	F	Greatest dec. of	9	18	
24	S	Day is 8 h 50m.	10	30	
25	B	Christmas Day	11	36	
26	M	St Stephen.	Morn.		
27	T	St John.	0	40	
28	W	Holy Innocents	1	54	
29	T	*Cockhill*, Som.	3	5	
30	F	Carding Weathr	4	20	
31	S	Sylvester, Bp.	5	38	

'Tis strange among so great a crowd
That ALL should miss their aim.
How were I bless'd, the *Peasant* cries,
Had empire been my share!
Curs'd be this grandeur, says the *Prince*,
The source of all my care!
As from a craggy cliff, from far
With pleasure we survey,
And, with the distant prospect fir'd,
Straight thither turn our way.
But find at length, with pain arriv'd,
Its tempting glory cease'd;
By desert barrenness convinc'd,
The distance only pleas'd.

How do they err, who fix their love
On Fate, and Fortune wholly;
Whom only rant and flights can move,
And rapture join'd with folly!
For, how can pleasure solid be,
Ill-grounded, out of season?
Do I love you, or you love me,
My dear! without a reason?
Our sense, then, rightly well employ,
No Paradise expecting;
Yet envy none the trifling joy
That will not bear reflecting.
Fair Virtue's pow'r (since after all
Ev'n life is past the curing)
Softens the *worst* that may befal,
And makes the *best* enduring.

M D	Clock after ☉
1	10 32
6	8 28
11	6 14
16	3 50
21	1 10
26	0 b. 11

Provide in Time your Chriſtmas Cheer,
And Store of good old *Home-brew'd* Beer;
With Cake and Cheeſe; and when you dine
A Flask or two of generous Wine.

20	1	Tho. Wogan.	7	57	4	3
21	2	Viſator.	7	58	4	2
22	3	Dolly my Leg.	7	59	4	1
23	B.	Frank Elſe.	8	0	4	0
24	5	Provide for	8	0	4	0
25	6	Chriſtmas	8	1	3	59
26	7	ere it comes,	8	2	3	58
27	8	Beef, Pork,	8	3	3	57
28	9	Gooſe, Turky,	8	4	3	56
29	10	Spice and Plums	8	5	3	55
30	B.	Tom Grudgeons.	8	6	3	54
	12	Jo. Burton.	8	6	3	54
	13	James Lenton.	8	6	3	54
3	14	Strong Beer, and	8	6	3	54
4	15	Ale, Nants, Sack	8	7	3	53
5	16	and Sherry:	8	7	3	53
6	17	And make the Poor	8	7	3	53
7	E	at Chriſtmas	8	8	3	52
8	19	merry.	8	8	3	52
9	20	Will Jeffcott.	8	8	3	52
10	21	Jo. Bailey.	8	8	3	52
11	22	Matt. Finch.	8	8	3	52
12	23	Sim. Davis.	8	8	3	52
13	24		8	7	3	53
14	B	Now feaſt the Poor,	8	7	3	53
15	26	eat chearfully;	8	7	3	53
16	27	There's nought	8	6	3	54
17	28	in that of Popery.	8	6	3	54
18	29		8	5	3	55
19	30	Bill Stoner.	8	5	3	55
20	31	Laſt old Year.	8	4	3	56

then brought two of her children to him, who died ſome years before, and reſided with her in the ſame delightful bower; adviſing him to breed up thoſe others which were ſtill with him, in ſuch a manner, that they might hereafter all of them meet together in this happy place."

"The tradition tells us further, that he had afterwards a ſight of thoſe diſmal habitations which are the portion of ill men after death; and mentions ſeveral molten ſons of gold, in which were plunged the ſouls of barbarous *Europeans*, who put to the ſword ſo many thouſands of poor *Indians* for the ſake of that precious metal.

——*Mammon* led them on;
Mammon, the leaſt erected ſpirit that fell
From heav'n: by him firſt
Men alſo, and by his ſuggeſtion taught,
Ranſack'd the centre, & with impious hands,
Rifled the bowels of their mother earth,
For treaſures better hid. Soon had his crew
Open'd into the hill a ſpacious wound,
And digg'd out ribs of gold.——

Hilary-Term begins Jan. 23, ends Feb. 12.

Returns, or Essoign Days.		Ex.	Ret	Ap.	W. D.
In 8 days of St. Hilary — —	Jan. 20	21	22	24	Mond.
From the day of St. Hilary in 15 days —	27	28	29	31	Mond.
On the morrow of Purific. of the V. Mary,	Feb. 3	4	5	7	Mond.
In 8 days of the Purification of the V. Mary	9	10	11	12	Saturd.

Easter-Term begins April 20, ends May 16.

From the day of Easter in 15 days —	April 17	18	19	20	Wedn.
From the day of Easter in 3 weeks — —	24	25	26	27	Wedn.
From the day of Easter in 1 month —	May 1	2	3	4	Wedn.
From the day of Easter in 5 weeks — —	8	9	10	11	Wedn.
On the morrow of the Ascension — —	13	14	15	16	Mond.

Trinity-Term begins June 3, ends June 22.

On the morrow of the Holy Trinity —	May 30	31	Ju. 1	3	Friday
In 8 days of the Holy Trinity — —	June 5	6	7	8	Wedn.
From the day of Holy Trinity in 15 days —	12	13	14	15	Wedn.
From the day of Holy Trinity in 3 weeks, —	19	20	21	22	Wedn

Michaelmas-Term begins Nov. 7, ends Nov. 28.

On the morrow of All Souls —	Nov. 3	4	5	7	Mond.
On the morrow of St Martin — —	12	13	14	15	Tuesd.
In 8 days of St Martin — —	18	19	20	21	Mond.
From the day of St Martin in 15 days ——	25	26	27	29	Mond.

N. B. No Sittings in Westminster-hall on Ascension-day, Midsummer-day, and the second of February.

The Exchequer opens eight days before any Term, except Trinity, before which it opens but four days. — *Note*, The first and last days of every Term, are the days of Appearance.

The LAW is good, — if *lawfully* it's us'd:
But always bad, — when *lawlessly* abus'd.
How Lawyers can be found who're *honest* Men,
What, *Rogues* amongst the Lawyers! Aye, What then?
The Laws *themselves* no honest Men mistrust,
Unless by *Trickery* they are made unjust.
Would it not make a thinking Man to smile,
To find full Threescore Thousand in our Isle?

POOR SIR ROBIN,

M DCC LXXIV.

The SECOND PART, containing a

PROGNOSTICATION

For the Year of our LORD GOD 1774.

Setting forth,

First and Foremost; that is to say, on the other Side of this very Leaf, an Inspectional TABLE, whereby You may see, not only which Days of this Year, are *nearly* of the same Length; but also the Length of every Day in it, as near as Heart can wish. Then follows a correct Table, shewing the Weight and Value also of *Foreign* Pieces of GOLD in true *English* Money. Then, after that, only turning over the Leaf, you will find two more Tables; that on the *Left* Hand, gives you the Rising, Southing, and Setting, of the *Seven Stars*, for every *Fifth* Day in the Year; and that on the *Right*, tells you what o'Clock it is at LONDON, when it is *Noon* at almost Forty *other Places*. After that, a Table for Buying and Selling by the *Great* Hundred; and on the *Right* of that, another very useful Table of Expences, or Wages; all which are followed by one of the most ugly, frightful Things imaginable, called the ANATOMY. Then you have a full and true Account of both the *invisible* Eclipses of the SUN: after that, you'll find *much said* (I mean written) to little Purpose; which is also followed by Observations on all the Four Quarters of *this*, or any other Year; then, on the last Leaf of all you have a Receipt how to make up a famous *Charm*, &c. which brings you down to Finis.

Done very artfully by old POOR ROBIN: and suited to the Capacity of every *Ninepenny* Purchaser, &c.

Do not the Hist'ries of all *Ages*
Relate miraculous Presages,
Of strange Turns in the *World*'s Affairs,
Foreseen b' *Astrologers*, *Soothsayers*,
Chaldeans, learn'd *Genethliacs*,
And some that have writ ALMANACKS? HUD.

LONDON:
Printed by H. BALDWIN, for the Company of STATIONERS.

The Generality of BAKERS being ſo extremely prone to Honeſty, that it is out of the Power of *Magiſtracy* to make them *more* ſo; POOR ROBIN chuſes to omit *their* old faſhioned TABLE, as he thinks it but of little Uſe: Inſtead whereof, for the Reader's new-faſhioned Amuſement, gives him the following TABLE, ſhewing by Inſpection, not only which Days in the Year are of about the ſame Length; but alſo, the Length of every Day in the Year; as near as he poſſibly can, *&c.*

Jan.	Dec.		Feb.	Nov.		Mar.	Oct.		Apr.	Sep.		May	Aug.		June	July	
1	VII.	10	1	9	9	4	6	9	4	8	8	5	4	8	5	22	8
2	53	9	2	12	8	5	10	8	5	12	7	6	6	7	6	24	7
3	55	8	3	16	7	6	14	7	6	16	6	7	10	6	7	25	6
4	57	7	4	20	6	7	18	6	7	20	5	8	13	5	8	25	5
5	59	6	5	24	5	8	22	5	8	24	4	9	16	4	9	26	4
6	VIII	5	6	27	4	9	26	4	9	28	3	10	19	3	10	26	3
7	2	4	7	30	3	10	30	3	10	32	2	11	22	2	11	27	2
8	4	3	8	34	2	11	34	2	11	36	1	12	24	1	12	27	1
9	6	2	9	38	1	12	38	1	12	Aug.	31	13	July	31	13	June	30
10	8	1	10	Oct.	31	13	Sep.	30	13	42	30	14	30	30	14	28	29
11	Nov.	30	11	44	30	14	46	29	14	46	29	15	34	29	15	29	28
12	12	29	12	48	29	15	50	28	15	50	28	16	36	28	16	30	27
13	14	28	13	52	28	16	53	27	16	54	27	17	40	27	17	31	26
14	16	27	14	56	27	17	55	26	17	58	26	18	43	26	18	32	25
15	18	26	15	X	26	18	57	25	18	XIV	25	19	46	25	19	33	24
16	20	25	16	4	25	19	59	24	19	6	24	20	48	24	20	34	23
17	22	24	17	8	24	20	XII	23	20	10	23	21	50	23	21	34	22
18	24	23	18	12	23	21	6	22	21	14	22	22	54	22	Long	Day	
19	28	22	19	16	22	22	10	21	22	18	21	23	57	21	December		
20	31	21	20	20	21	23	13	20	23	21	20	24	XVI	20	11	VII.	31
21	34	20	21	24	20	24	17	19	24	24	19	25	2	19	12	50	30
22	36	19	22	28	19	25	23	18	25	28	18	26	3	18	13	49	29
23	39	18	23	32	18	26	30	17	26	32	17	27	4	17	14	48	28
24	42	17	24	36	17	27	36	16	27	36	16	28	6	16	15	47	27
25	46	16	25	40	16	28	40	15	28	40	15	29	8	15	16	46	26
26	50	15	26	44	15	29	44	14	29	43	14	30	10	14	17	45	25
27	53	14	27	47	14	30	48	13	30	46	13	31	12	13	18	44	24
28	56	13	28	50	13	31	53	12	1	May	12	1	June	12	19	44	23
29	IX	12	1	Mar.	12	1	Apr.	11	2	54	11	2	16	11	20	44	22
30	3	11	2	58	11	2	XIII	10	3	56	10	3	18	10	Shorteſt		
31	6	10	3	XI	10	3	4	9	4	XV	9	4	20	9	Days.		

The Uſe of this TABLE is as plain as the *Noſe* on your Face, if you have but *Eyes* and can count upwards as well as downwards; you may ſee as well as I that *April* 15, and *Auguſt* 28, are *nearly* of the ſame Length, *viz.* XIII. Hours, and 50 Minutes long: And ſo of all the reſt.

Although it may be reaſonably expected that *honeſt* Poor Robin is n great Dealer in *ſuch* Metal; yet, being in great Hopes that *all* hi Honeſt Readers will ſometimes have ſomething to do with it, h gives them the following Table, ſhewing the Value of *Foreign* Piece of Gold in true *Engliſh* Money.

Number of Pieces	Portugal £3 12	Pieces. £1 16	Moidores £1 7	Louis d'Or £1 4	Piſtoles. £0 16
1	£3 12	£1 16	£1 7	£1 4	£0 16
2	7 4	3 12	2 14	2 8	1 13
3	10 16	5 8	4 1	3 12	2 9
4	14 8	7 4	5 8	4 16	3 6
5	18 0	9 0	6 15	6 0	4 2
6	21 12	10 16	8 2	7 4	4 19
7	25 4	12 12	9 9	8 8	5 15
8	28 16	14 8	10 16	9 12	6 12
9	32 8	16 4	12 3	10 16	7 8
10	36 0	18 0	13 10	12 0	8 5
11	39 12	19 16	14 17	13 4	9 1
12	43 4	21 12	16 4	14 8	9 18
13	46 16	23 8	17 11	15 12	10 14
14	50 8	25 4	18 18	16 16	11 11
15	54 0	27 0	20 5	18 0	12 7
16	57 12	28 16	21 12	19 4	13 4
17	61 4	30 12	22 19	20 8	14 0
18	64 16	32 8	24 6	21 12	14 17
19	68 8	34 4	25 13	22 16	15 13
20	72 0	36 0	27 0	24 0	16 10
30	108 0	54 0	40 10	36 0	24 15
40	144 0	72 0	54 0	48 0	33 0
50	180 0	90 0	67 10	60 0	41 5
60	216 0	108 0	81 0	72 0	49 10
70	252 0	126 0	94 10	84 0	57 15
80	288 0	144 0	108 0	96 0	66 0
90	324 0	162 0	121 10	108 0	74 5
100	360 0	180 0	135 0	120 0	82 10
500	1800 0	900 0	675 0	600 0	412 10
1000	3600 0	1800 0	1350 0	1200 0	825 0

See! *Readers*! Look about ye! Here's Money enough to do a grea deal of Miſchief! But mind ye, leſt it ſhould do *any of you Harm*, b taking *any of it too Light*; Obſerve that a *Portugal* £3 12 0 ſhoul weigh 18dwt. 12gr. A ſix and thirty Piece, 9dwt. 6gr. A Moidor 6dwt. 18gr. A Louis d'Or 6dwt. 6gr. And a Piſtole 4dwt. 8gr.

And (for Novelty's Sake) a TABLE of the Rising, Southing and Setting of the *Pleiads*, or Seven Stars, to every fifth Day in the Year; whereby (if it be clear Weather) you may know the Hour of the Night, *very nearly*.

Months & Days	Rise h.	Rise m.	South h.	South m.	Sets h.	Sets m.
January 1	oA.	28	8A.	45	5M	2
January 6	o	6	8	23	4	40
January 12	11M	39	7	56	4	13
January 17	11	17	7	34	3	51
January 22	10	56	7	13	3	30
January 27	10	35	6	52	3	9
February 1	10	15	6	32	2	49
February 6	9	55	6	12	2	29
February 12	9	31	5	48	2	5
February 17	9	12	5	29	1	46
February 22	8	52	5	9	1	20
February 27	8	34	4	51	1	28
March 1	8	15	4	32	12A	49
March 6	7	56	4	14	12	30
March 12	7	45	4	2	12	19
March 17	7	27	3	54	12	1
March 22	7	7	3	24	11	41
March 27	6	49	3	6	11	23
April 1	6	31	2	48	11	5
April 6	6	13	2	30	10	47
April 12	5	51	2	8	10	25
April 17	5	33	1	50	10	7
April 22	5	14	1	31	9	48
April 27	4	55	1	12	9	16
May 1	4	37	o	54	9	11
May 6	4	17	o	34	8	51
May 12	3	58	o	15	8	32
May 17	3	38	11M	54	8	12
May 22	3	18	11	35	7	52
May 27	2	58	11	15	7	32
June 1	2	38	10	53	7	12
June 6	2	18	10	35	6	52
June 12	1	54	10	11	6	28
June 17	1	32	9	49	6	6
June 22	1	12	9	29	5	46
June 27	o	[illegible]	o	8	5	25

Month & Days	Rise h.	Rise m.	South h.	South m.	Sets h.	Sets m.
July 1	oM	30	8M	47	5A	4
July 6	o	10	8	27	4	44
July 12	11A	49	8	6	4	23
July 17	11	29	7	46	4	3
July 22	1	9	7	26	3	43
July 27	10	49	7	6	3	23
August 1	10	30	6	47	3	4
August 6	10	10	6	27	2	44
August 12	9	48	6	5	2	21
August 17	9	29	5	46	2	2
August 22	9	10	5	27	1	44
August 27	8	52	5	5	1	26
September 1	8	34	4	51	1	8
September 6	8	16	4	35	o	56
September 12	7	54	4	11	o	28
September 17	7	36	3	53	o	10
September 22	7	18	3	35	11M	2
September 27	6	58	3	16	11	33
October 1	6	40	2	57	11	14
October 6	6	22	2	39	10	56
October 12	6	4	2	21	10	31
October 17	5	45	2	2	10	19
October 22	5	26	1	43	10	0
October 27	5	7	1	24	9	41
November 1	4	48	1	5	9	22
November 6	4	28	o	44	9	2
November 12	4	4	o	21	8	38
November 17	3	43	oA	1	8	17
November 22	3	23	11	40	7	57
November 27	3	1	11	18	7	35
December 1	2	40	10	57	7	14
December 6	2	18	10	35	6	52
December 12	1	56	10	13	6	30
December 17	1	34	9	51	6	8
December 22	1	12	9	29	5	46
December 27	o	50	9	7	5	24

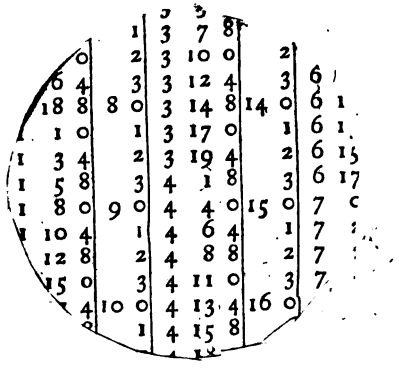
A TABLE ſhewing the Latitudes and Longitudes of many remarkable Places; and *what o'Clock* it is in LONDON, when it is *Noon* at thoſe Places.

N. B. N. ſignifies North, and S. South Latitude; E. Eaſt, and W. Weſt Longitude, from LONDON: F. Forenoon, and A. Afternoon, *there*.

Noon, at	Latitude.			Longitude			Time at *Lon.*		
	°	′		°	′		H.	M.	
Aberdeen	57	10	N.	1	45	W.	XII.	7	A.
Adrianople	41	00	N.	26	30	E.	X.	14	F.
Algiers	36	40	N.	3	20	E.	XI.	47	F.
Amſterdam	52	20	N.	4	30	E.	XI.	42	F.
Annapolis Royal	45	00	N.	64	00	W.	IV.	16	A.
Barcelona	41	20	N.	2	00	E.	XI.	52	F.
Berlin	52	33	N.	13	31	E.	XI.	6	F.
Boſton	42	24	N.	71	00	W.	IV.	44	A.
Briſtol	51	30	N.	2	40	W.	XII.	11	A.
Cadiz	36	31	N.	5	56	W.	XII.	24	A.
Cape of Good Hope	33	55	S.	18	35	E.	X.	46	F.
Copenhagen, *Denmark*	55	41	N.	12	50	E.	XI.	9	F.
Dantzick	54	22	N.	18	36	E.	X.	47	F.
Dublin	53	16	N.	6	25	W.	XII.	26	A.
Edinburgh	55	58	N.	3	00	W.	XII.	12	A.
Geneva	46	12	N.	6	25	E.	XI.	31	F.
Hanover	52	32	N.	9	35	E.	XI.	22	F.
Helena St.	16	00	S.	6	00	W.	XII.	24	A.
Jeruſalem	31	50	N.	35	25	E.	IX.	38	F.
Liſbon	38	42	N.	9	25	W.	XII.	38	A.
LONDON	51	30	N.	0	00		XII.	NOON.	
Louiſbourg	45	54	N.	59	55	W.	III.	50	A.
Madrid	40	25	N.	3	50	W.	XII.	15	A.
Mexico	20	00	N.	103	35	W.	VI.	54	A.
Moſcow	55	45	N.	37	51	E.	IX.	29	F.
Naples	40	51	N.	14	19	E.	XI.	3	F.
Oſnabrug	49	27	N.	7	40	E.	XI.	29	F.
Paris	48	50	N.	2	25	E.	XI.	50	F.
Port Royal, *Jamaica*	17	30	N.	77	00	W.	V.	8	A.
Quebec	46	55	N.	69	48	W.	IV.	39	A.
Rome	41	54	N.	12	30	E.	XI.	10	F.
Rotterdam	52	00	N.	4	20	E.	XI.	43	F.
Seville	37	15	N.	6	00	W.	XII.	24	A.
Stockholm	59	20	N.	19	25	E.	X.	42	F.
Syracuſe	37	25	N.	15	05	E.	XI.	00	F.
Turin	45	5	N.	7	45	E.	XI.	29	F.
Venice	45	25	N.	12	4	E.	XI.	12	F.
Vienna	48	13	N.	16	27	E.	X.	54	F.
Williamſburg	37	20	N.	76	30	W.	V.	6	A.
York	54	00	N.	0	50	W.	XII.	3	A.

A Circle truly repreſents the Sphere,
And in that Form Man's Body doth appear,
But whether firſt ſo made or twiſted ſo,
By old *Aſs-trologers* we do not know:
But had themſelves been in this Poſture put,
Their Backs would ach, ere Head did meet the Foot.

The ANATOMY,



Firſt comes the *Ram*, that *Head* and *Face* doth rule,
And after follows *Taurus* or the *Bull*,
Which claims the *Neck*; the *Twins* amongſt the reſt
Command the *Arms*; and *Cancer* rules the *Breaſt*;
Leo the Lion rules the *Back* and *Heart*;
The *Virgin* loves the *Belly* for her Part;
While *Libra Reins* and *Loins* doth undertake;
And *Scorpio* doth his own the *Secrets* make;
The *Half-horſe Bow-man* claims the *Hips* and *Thighs*;
And *Capricorn* the feeble *Knee* ſupplies;
The wandering Legs muſt to *Aquarius* truſt;
The *Feet* to *Piſces*, there's a *Dozen* juſt:
But, if you would have more, then count again,
And, if you do for ever, 'tis the ſame,
Then as it is, we let it ſo remain.

OF, about, and concerning both the inviſible *Eclipſes* of the SUN (for there will be none of the MOON) which will happen in the preſent Year of our LORD 1774.

IN this Year Sev'nteen Hundred Seventy-four
There happens two *Eclipſes*, and no more;
Both which inviſible in *Europe* are,
Tho' both of them will total be elſewhere:
The firſt in *March* 'Forenoon, on the twelfth Day
Total, 'twixt *Afric*' and *America:*
The next, near two in th' Morn, th' ſixth of *September*,
Which (if you ſee in *Aſia*) you'll remember:
For 'twill be total near th' *Philippine* Iſles,
But to go ſee't, will ſcarce be worth your whiles.

The firſt of theſe *Eclipſes*, then, will happen on the twelfth Day of *March*, about ten Minutes before our 10 o'Clock in the Morning: It will be total and viſible in 3 Degrees of South Latitude, between *Africa* and *America*.

The Second will happen on the ſixth Day of *September*, near two in the Morning: It will alſo be total and viſible, in 10 Degrees of North Latitude, in thoſe Parts of *Aſia* near the *Philippine* Iſlands.

*** *N. B.* JUPITER is an Evening Star till the 11 of *April*; and from that Time, a Morning Star to the End of the Year.

VENUS will be an Evening Star till the 22 of *March*; and from thence a Morning Star to the Year's End.

†††† She will appear ſo refulgent this Year, that from the Beginning of *June*, till the latter End of *October*, ſhe may be ſeen by the naked Eye, almoſt all the Day-time.

As I do not expect that any of my honeſt Readers will have an Opportunity of *ſeeing* either of theſe two Eclipſes; ſo alſo, I do further expect, that not any one of them need to be any Ways fearful of *feeling* the Effects of them: And therefore, ſhould ſome of our Grandees, who in ſome Reſpects would be thought to act like rational Creatures, look like Men of Senſe, and ſometimes talk like Chriſtians: I ſay, ſhould ſuch Grandees as theſe (hearing that the induſtrious Poor are the Wealth of the Nation, in order to procure a large Stock of *that Sort of Wealth*) take it in their Heads to deprive all ſuch as they have in their Power of all probable Means of ſupporting their Families, and in Vindication of ſuch Conduct, openly declare

SPRING: the BEAUTY of the YEAR!

YOUTHS, now view the the SPRING appearing,
Beauty decks the verdant Ground!
Ev'ry Object ſeems endearing,
Joy and Pleaſure all ſurround!
Pretty little *Lambkins* playing,
Skipping on the ſpangled Green,
Not far from their *Dams* e'er ſtraying,
O the charming beaut'ous Scene!
Hark! the pretty *Birds* are ſinging
Forth their MAKER's grateful Praiſe!
Let not *Man* be ſlack in bringing
Tribute to HIS Name always.
Hear! the *Kine* in Paſtures lowing,
In their Udders golden Store:
Hear the *Cuckow*, now purſuing
Her ſweet Notes, as heretofore.
See! the *Primroſe*, *Cowſlip*, *Daiſey*,
In their vernal Beauties dreſs'd!
Nature thus adorn'd muſt pleaſe you,
Heav'ns thus this *Earth* hath bleſs'd!
See! there the ſweet *Hawthorn* blowing,
Vying with the *Lily* fair:
See! the hopeful *Crop* now growing
To ſupply another Year.
See! the *Gardens* in full Glory,
FLORA's Lap is fill'd with Sweets;
All behind, and all before ye,
With rich Fragrance Mortals greets!
Here's a Pattern for young *Maidens*,
To appear in comely Dreſs;
As the Earth with Sweets is laden,
Strive to make your own the Caſe.
Young Men, here ſee an Example,
Worthy *you* to imitate,
On Youth and Beauty never trample,
Leſt you prove yourſelves—ingrate!
Now to GOD, who gives us all Things,
Let us yield our thankful Praiſe;
Nature her due Tribute now brings;
Happy, happy are theſe Days!

SUMMER: the GLORY of the YEAR!

Now the SUMMER's Prime advances,
Nature's richeſt Treaſure ſhows!
And our Pleaſure much enhances,
Now appears the bluſhing ROSE!
MAN's prime *Summer* is his full Strength;
Which, when gain'd, will ſoon decay:
When the Days get to their full Length,
Then they quickly wear away!
See! the *Sheep* bro't home for ſheering!
White their *Wool* as driven Snow!
See! *Corn* in full Ear appearing:
Hops on Poles high climbing grow!
See! the *Hay* cut down in Meadows
Toſs'd about with Prong and Rake:
Whilſt the *Lazy* lurk in Shadows,
Half aſleep—and half awake.
Mind, the *Bees* induſtrious labour,
Gath'ring *Honey* for their Meat;
Whilſt the merry *Pipe* and *Tabor*,
Entertain with *Muſic* ſweet!
View, the *Milk-maids* Night and Morning,
With their *Pails*—clean as you pleaſe;
Sluttiſhneſs for ever ſcorning,
Butter making, or their *Cheeſe*.
When the *Fields* for *Harveſt* white are,
Forth the jolly *Reapers* go;
Arm'd with *Sickles*—none will loiter,
But, their utmoſt Vigor ſhow!
Now, the *Farmer* ſees with Pleaſure,
All his Hopes are come to paſs!
Which will much increaſe his Treaſure,
But—What then?—Why—Oh—Alaſs!
If *He* ſtill hold on oppreſſing!
Grinding the Face of the Poor,
Sure theſe Ills much want redreſſing!
Shall they ſtarve 'midſt ſo great ſtore?
HEAV'NS forbid it! Grant that the Poor
May be uſed well—And then
May the *Farmers* all have good Store!
To this, ALL will ſay—AMEN.

AUTUMN:

AUTUMN: The FALL of the LEAF.

SEE the Leaves around ye falling
Dry, and wither'd to the Ground;
And to thoughtleſs Mortals calling
In a ſad and ſolemn Sound:
Sons of *Adam*, once in *Eden*,
When like us, he blighted fell,
Hear the Lecture we are reading.
'Tis, alas! the Truth we tell.
Virgins much, too much, preſuming
On your boaſted White and Red;
View us, late in Beauty blooming,
Number'd now among the Dead!
Griping Miſers, nightly waking,
See the End of all your Care;
Fled, on Wings of our own making,
We have left our Owners bare.
Sons of Honour, fed on Praiſes,
Flutt'ring high in fancied Worth;
Lo, the fickle Air that raiſes,
Brings us down to parent Earth,
Learned Sires, in Syſtem jaded,
Who for new ones daily call,
Ceaſe, at length, by *us* perſuaded,
Every *Leaf* muſt have its Fall.
Youths, tho' yet no Loſſes grieve you,
Gay in Health, and Manly Grace,
Let not cloudleſs Skies deceive you,
Summer gives to *Autumn* Place.
Venerable Sires, grown hoary,
Hither turn th' unwilling Eye;
Think, amidſt your falling Glory,
Autumn tells you *Winter's* nigh!
Yearly in our Courſe returning,
Meſſenger of ſhorteſt Stay;
Thus we preach the Truth concerning.
Heav'n and Earth will paſs away.
On the Tree of Life eternal,
Man, let all thy Hopes be ſtay'd,
Where, alone, for ever vernal
Grow the *Leaves* that never fade.

But

But now, for WINTER; and OLD AGE!

SEE no Leaves, nor Grafs remaining!
See! the frozen Earth below,
Nothing's left that's entertaining,
If abroad you needs muft go.
See! the SUN with ſickly Face peeps
Through Fogs, and Snow-loaded Clouds;
Till i'th' Weſtern Ocean he ſleeps,
While the Earth is drown'd in Floods:
Or the Rivers with Ice bounded,
And faſt bound up by the Froſt;
While poor Travellers confounded
Are, in Danger to be loſt.
Shorteſt Days make Nights the longeſt
(But good Fires will keep you warm)
When the Cold is at the ſtrongeſt,
Toaſt and Ale will do no Harm.
See! the Mountains hoary Height is
Higher made by Mounts of Snow;
See, again the Winter's Weight is
Preſſing down the Woods below.
This, the Picture of old Age is
When on Crutches it's upheld,
Think on this ye hoary Sages,
You to Death muſt ſhortly yield!
Let theſe Thoughts produce Reflections
How you are for Death prepar'd;
(Mind ye well theſe my Directions)
Always be upon your Guard.
'Tis a Leſſon worth your learning,
Tho' you are advanc'd in Years:
Age from *Youth* you're now diſcerning,
Witneſs now your hoary Hairs!
Youth may die, but *old Age* muſt go
To th' appointed Home the Grave;
Where Mankind muſt unto Duſt go:
'Tis the Portion *all* muſt have:
There, in Hope that's ſure and certain,
Wait the Coming of our LORD;
When Time ſhall undraw the Curtain,
And each meet their juſt Reward.

Laſtly,

Laſtly, To oblige all my Readers, I'll conclude with the following *charming* Receipt for a never failing CHARM: By an unerring, mumbling, muttering *Beldam.*

R On the Corner of the Moon
Hangs a vap'rous Drop profound,
I'll catch it e'er it come to Ground:
Which diſtill'd by magic Slights,
Shall raiſe artificial Sprights.
Thrice the brinded Cat has mew'd,
Twice and once the Hedge-pig whin'd:
Harpier cries, 'tis Time, tis Time.
Round about the Cauldron go,
In the poiſon'd Entrails throw;
Pour in Sow's Blood that has eat
Her nine Farrows: Greaſe that's ſweet
From the Murderer's Gibbet throw into the Flame.
Toad, that under the cold Stone
Days and Nights has thirty-one,
Swelter'd Venom ſleeping got,
Boil thou firſt i'th' charmed Pot.
Fillet of a fenny Snake in the Cauldron boil and bake.
Eye of Newt, and Toe of Frog,
Wool of Bat, and Tongue of Dog;
Adder's Fork, and blind Worm's Sting,
Lizard's Leg, and Howlet's Wing,
For a Charm of pow'rful Trouble,
Like a Hell-broth boil and bubble.
Scale of Dragon, Tooth of Wolf,
Witches Mummy, Maw and Gulph
Of the ravin'd Salt-Sea Shark,
Root of Hemlock, digg'd i'th' Dark;
Liver of blaſpheming *Jew*,
Gall of Goats, and Slips of Yeugh,
Silver'd in the Moon's Eclipſe;
Noſe of *Turk*, and *Tartar's* Lips;
Finger of Birth-ſtrangled Babe
Ditch-deliver'd by a Drab,
Make the Gruel thick and ſlab:
Add thereto a Tyger's Chaldron
For th' Ingredients of our Cauldron.
Cool it with a Baboon's Blood.
Then our Charm is firm and good. *Shak. Macb.*

FINIS

Old Style. New Style.

The { 4th Day, at 8 Morning, *Saturn*
10th Day, at 5 Aftern. *Mercury*
12th Day, at 2 Aftern. *Mars*
15th Day, at 11 Night, *Venus*
17th Day, at 3 Aftern. *Jupiter*
31ſt Day, at 10 Foren. *Saturn* } is with ☽.

M D.	M D.	Moon's Signs.	Sun riſes.	Sun ſets.	Days incr.
21	1	back	8 10	3 50	0 8
22	B	bowels	9	51	10
23	3	and	8	52	12
24	4	belly	8	52	14
25	5	reins	7	53	16
26	6	loins	7	53	18
27	7	ſecret	6	54	20
28	8	memb.	5	55	22
29	B	hips	4	56	24
30	10	thighs	3	57	26
31	11	hams	2	58	28
Jan.	12	knees	1	59	30
	13	legs	0	4 0	32
3	14	ancles	7 59	1	34
4	15	feet	58	2	35
5	B	toes	57	3	37
6	17	head	55	5	40
7	18	and	54	6	43
8	19	face	52	8	46
9	20	neck	51	9	48
10	21	throat	50	10	50
11	22	arms	49	11	53
12	B	and	47	13	56
13	24	ſhould.	45	15	58
14	25	breaſt	44	16	1 0
15	26	ſtom.	42	18	3
16	27	heart	40	20	6
17	28	and	38	22	9
18	29	back	36	24	12
19	B	bowels	35	25	14
20	31	belly	33	27	17

OBSERVATIONS.

The Interpretations of ſeveral Stories among the Ancients, of the Stars and Conſtellations, &c. continued from my laſt.

THE Poets, by the Fictions of Bellerophon riding in the Air upon a winged Horſe; of Phrixus riding on a Ram over the Sea; of Dædalus flying in the Air; of Phaeton riding in the Chariot of Phœbus; of Endymion, with whom the Moon was in love; by theſe Fictions they did encourage Men to virtuous Actions, and to ſublime and heavenly Cogitations.

Here may be ſeen the Malice of a Whore, in the Wife of Prætus; who not attaining her fleſhly Deſire of Bellerophon, goeth about by falſe Accuſations to undo him.

Here all Men in Authority are taught not to be too raſh in giving Credit to Accuſations, though their own Wives be the Accuſers. Some are of Opinion that Bellerophon

MARCH hath xxxi Days.

Laſt Quarter the 5th Day, at 11 Forenoon.
New Moon the 12th Day, at 10 Forenoon.
Firſt Quarter the 20th Day, at 10 Morning.
Full Moon the 27th Day, at 10 at Night.

☽ D	W D	Saints Days, Terms, &c.	☽ riſes and ſets	☽'s South.	Full Sea at Lond.	Aſpects and Weather.
1	T	David	9A. 22	2 4	3M52	Windy and ſea-
2	W	Chad	10 38	2 55	4 26	ſonable wea-
3	T		11 52	3 48	5 7	ther begins the
4	F		Morn.	4 43	5 54	Month, with
5	S	Prs. Heſſe born	1 5	5 40	6 53	ſome Storms of
6	B	3 Sund. in Lent	2 11	6 36	7 58	Hail or Rain.
7	M	Perpetua	3 9	7 33	9 12	About this time
8	T		4 0	8 31	10 29	good and ſea-
9	W	Day 11 h. 16 m.	4 40	9 27	11 40	ſonable Wea-
10	T		5 18	10 2	0A.43	ther is expected
11	F	Day br. 4 21	5 57	11 14	1 38	for ſeveral days.
12	S	Gregory	☽ ſets	0A. 4	2 29	☌ ☉ ♄ Sud-
13	B	Midlent-Sund.	7A. 5	0 52	3 5	den Storms of
14	M		8 21	1 38	3 35	☌ ☿ ☿ Hail,
15	T	Clock faſt 9 m.	9 25	2 24	4 3	Rain, or
16	W		10 29	3 11	4 39	Snow, with a
17	T	St. Patrick	11 39	3 58	5 14	dark and ob-
18	F	Ed. K. W. Sax.	Morn.	4 45	5 56	☌ ♃ ☿ ſcure
19	S		0 29	5 31	6 44	Air for ſeveral
20	B	5 Sund. in Lent	1 22	6 18	7 36	Days. Winds
21	M	Benedict	2 7	7 6	8 36	Eq. Day and N.
22	T		2 52	7 54	9 42	☌ ☉ ☿ with
23	W		3 30	8 43	10 44	Storms of Hail
24	T		4 3	9 32	11 47	or Rain, and per-
25	F	Lady Day	4 34	10 21	Morn.	Cam. Ter. ends.
26	S	Oxf. Ter. ends	5 3	11 11	0 44	haps Thunder in
27	B	Palm-Sunday	☽ riſes	Morn.	1 35	many Places.
28	M		7A 14	0 2	2 27	☿ ♄ ☌ High
29	T	Day br. 3 40	8 30	☽ 54	3 6	winds and tem-
30	W	Clock faſt 5 m.	9 47	♄ 48	3 42	peſtuous weather
31	T	Maund. Thurſ.	11 2	2 44	4 18	to the End of
						the Month.

Old Style. New Style.

The { 11th Day, at 2 Afternoon, *Mars*
13th Day, at 3 Afternoon, *Venus*
13th Day, at 5 Afternoon, *Mercury* } is with ☽
14th Day, at 7 Morning, *Jupiter*
26th Day, at 10 Night, *Saturn* }

M D.	M D.	Moon's Signs.	Sun rises.	Sun sets.	Days incr.
18	1	loins	6 51	5 9	2 54
19	2	secret	49	11	58
20	3	memb.	47	13	3 2
21	4	hips	45	15	6
22	5	thighs	43	17	10
23	♓	hams	41	19	16
24	7	knees	38	21	21
25	8	legs	36	24	28
26	9	and	34	26	32
27	10	ancles	31	29	37
28	11	feet	29	31	42
Mar. 1	12	toes	27	33	46
2	♓	head	24	36	50
3	14	face	21	39	54
4	15	neck	18	42	58
5	16	and	15	45	4 2
6	17	throat	12	48	8
7	18	arms	9	51	13
8	19	should.	6	54	20
9	♓	breast	3	57	25
10	21	and	0	6 0	30
11	22	stom.	5 58	2	34
12	23	heart	56	4	38
13	24	back	54	6	42
14	25	bowels	52	8	46
15	26	belly	50	10	50
16	♓	reins	48	12	54
17	28	and	46	14	58
18	29	loins	44	16	5 2
19	30	secret	42	18	5
20	31	memb.	40	20	10

Observations.

The Parable is easy. I shall therefore conclude with this Moral. That in Moral

On the 5th Day of this Month, 1722, the Princess of *Hesse* was born.

Actions a Mediocrity is most to be commended.

In my last Mention is made of the Giants warring with Jupiter. Of these Giants Tryphon is One, of whom the Poets say thus:—Juno being vexed that Jupiter had begot Pallas by himself, without her, earnestly pressed all the other Gods and Goddesses that she might also bring forth of herself, without him; and having by Violence and Importunity obtained a Grant thereof,

On the 25th Day of this Month, 1734, the illustrious *ANNE*, Princess Royal of *England*, was married to the Prince of *Orange*.

she smote the Earth, and forthwith there sprang up Tryphon, an huge and hor-

APRIL hath xxx Days.

Laſt Quarter the 3d Day, at 6 Evening.
New Moon the 10th Day, at 11 Night.
Firſt Quarter the 19th Day, at 4 Morning.
Full Moon the 26th Day, at 11 Forenoon.

M D.	W D.	Saints Days, Terms, &c.	☽ riſes and ſets	☽'s South.	Full Sea at Lond	Aſpects and Weather.
1	F	Good-Friday	11 58	3 42	5 A. 3	☌ ☍ ♀ Frequent Showers of Rain, with briſk Gales of
2	S	Day 12 h. 52 m.	Morn.	4 39	5 50	
3	B	Eaſter-Sunday	☾ 10	5 40	6 53	
4	M	Eaſter-Monday	2 5	6 36	7 58	
5	T	Eaſter-Tueſday	2 48	7 32	9 11	*Old Lady Day.*
6	W		3 25	8 2.	10 21	Wind continues
7	T		4 26	9 16	11 27	
8	F		4 51	10 5	0 25	Warm and pleaſant Weather for
9	S	Clock ſlow 2 m.	5 17	10 52	1 A. 16	ſome Days.
10	B	Low-Sunday	☽ ſets	11 48	2 3	☌ ☉ ♃ Briſk
11	M		8 A. 25	0 26	2 47	Winds with
12	T		9 27	1 12	3 19	☌ ♃ ☿ ☍ ☉ ☿
13	W	Oxf. & Camb.	10 28	1 58	3 48	Showers
14	T	Terms begin	11 22	2 45	4 18	about the new
15	F		Morn.	3 32	4 55	Moon. Miſty
16	S		0 10	4 20	5 33	Mornings, and
17	B	2 S. aft. Eaſter	0 56	5 7	6 18	clear ſerene days,
18	M		1 34	5 54	7 9	and generally
19	T		2 10	6 42	8 5	good and ſea-
20	W	Term begins	2 41	7 30	9 8	ſonable Wea-
21	T	Day br. 2 40	3 9	8 18	10 12	ther for ſome
22	F		3 37	9 7	11 15	Days. Briſk
23	S	St. George	4 3	9 57	Morn.	Winds, and
24	B	3 S. after Eaſter	4 52	10 48	0 16	ſome Showers of
25	M	St. Mark Evan.	☽ riſes	11 42	1 12	Rain. No great
26	T		8 A. 49	Morn.	2 7	Alteration is ex
27	W	Clock ſlow 3 m.	10 3	0 38	2 55	☌ ☍ ☿ pected. But
28	T		11 12	1 36	3 34	ſeaſonable Wea-
29	F		11 52	2 35	4 10	ther continues to
30	S	Day 14 h. 36 m.	Morn.	3 36	4 58	the Month's End.

Old Style. New Style.

The { 8th Day, at Midnight, *Venus*
9th Day, at 3 Afternoon, *Mars*
11th Day, at 2 Morning, *Jupiter*
11th Day, at 4 Morning, *Mercury*
23d Day, at 2 Morning, *Saturn* } in with ☽.

M D.	M D.	Moon's Signs.	Sun rises.	Sun sets.	Days incr.	Observations.
21	1	hips	5 39	6 21	5 11	rid Monster. This strange
22	2	thighs	38	22	16	Birth she commits to a Ser-
23	♑	hams	36	24	21	pent (as a Foster Father) to
24	4	knees	34	26	26	nourish it, who no sooner
25	5	legs	32	28	30	came to Ripeness of Years,
26	6	ancles	30	30	34	but he provokes Jupiter to
27	7	feet	29	31	38	Battle; in the Conflict, the
28	8	toes	27	33	43	Giant getting the upper
29	9	head	26	34	47	Hand, takes Jupiter upon
30	♒	and	24	36	50	his Shoulders, carries him
31	11	face	22	38	54	into a remote and obscure
April. 1	12	neck	20	40	56	Country, and cutting out
	13	throat	18	42	6 0	the Sinews of his Hands
3	14	arms	16	44	4	and Feet, brought them
4	15	and	14	46	9	away, and so left him mi-
5	16	should.	12	48	14	serably mangled and maim-
6	♓	breast	10	50	16	ed; but Mercury recover-
7	18	stom.	8	52	19	ing these Nerves from Try-
8	19	heart	6	54	22	phon by Stealth, restored
9	20	and	4	56	24	them again to Jupiter. Ju-
10	21	back	2	58	26	piter being again by these
11	22	bowels	4 59	7 1	30	Means corroborated, assault
12	23	belly	57	3	32	the Monster afresh, and
13	♈	reins	55	5	36	at the first, strikes him
14	25	loins	54	6	40	with a Thunderbolt, from
15	26	secret	53	7	44	whose Blood Serpents en
16	27	memb.	51	9	47	gendered. He at length
17	28	hips	50	10	51	fainting, and flying, Ju
18	29	thighs	48	12	54	piter casts on him th
19	30	hams	46	14	7 0	Mount Ætna, and with

MAY hath xxxi Days.

Last Quarter the 2d Day, at Midnight.
New Moon the 10th Day, at 3 Afternoon.
First Quarter the 18th Day, at 7 Afternoon.
Full Moon the 25th Day, at 6 Afternoon.

M D.	W D.	Saints Days, Terms, &c.	☽ rises and sets	☽'s South.	Full Sea at Lond	Aspects and Weather.
1	B	4 S. after Easter	0A. 9	4 36	5M. 47	St. Phil. & Jam.
2	M		0 56	5 33	6 46	
3	T	Inventio Crucis	1 36	6 27	7 46	Pleasant and agreeable Weather is expected at the beginning of this Month, and may continue till the new Moon; and then I expect a dark Air inter- ☌ ☉ ♄ mixed with Showers.
4	W	Day br. 1 55	2 9	7 20	8 54	
5	T		2 37	8 9	10 1	
6	F	St. John A.P.L.	3 3	8 56	11 0	
7	S	Clock slow 4 m.	3 27	9 41	11 58	
8	B	Rogat.-Sunday	3 51	10 26	0A. 48	
9	M		4 17	11 10	1 34	
10	T		☽ sets	11 54	2 19	
11	W		8A. 24	0 44	3 0	
12	T	Ascension-Day	9 19	1 31	3 31	Old May Day
13	F		10 11	2 18	4 0	Brisk Winds
14	S		10 58	3 6	4 35	♂ ☉ ♂
15	B	6 S. after Easter	11 39	3 53	5 10	♂ ♂ ☿ ♁ ♅ ☿
16	M	Term ends	Morn.	4 40	5 51	producing Showers
17	T		0 14	5 27	6 39	of Rain and
18	W		0 45	6 13	7 30	Storms of Hail.
19	T	Oxf. Ter. ends	1 14	7 0	8 29	Q. Charl. born
20	F		1 38	7 47	9 31	Now more Serene
21	S		2 5	8 36	10 35	and pleasant Air.
22	B	Whit-Sunday	2 33	9 27	11 41	Prs. Eliz. born
23	M	Whit-Monday	3 0	10 22	Morn.	Misty Mornings
24	T	Whit-Tuesday	3 33	11 19	0 44	with clear Days.
25	W	Ember Week	☽ rises	Morn.	1 53	Some smiling
26	T	Augustine	8A. 54	0 18	2 40	Showers at or
27	F	Ven. Bede	9 58	1 20	3 24	near the full
28	S		10 52	2 23	4 3	Moon. Overcast,
29	B	Trinity Sunday	11 36	3 24	4 48	and mostly fair,
30	M		Morn.	4 23	5 33	K. Ch. II. Rest.
31	T	Clock slow 3 m.	0 11	5 16	6 26	and hot Showers at the End.

Old Style. New Style.

The { 6th Day at 8 Evening, *Venus*
8th Day at 9 Morning, *Mercury*
8th Day at 3 Afternoon, *Mars* } is with ☽
8th Day at 10 Night, *Jupiter*
20th Day at 1 After. *Saturn*

M D	M. D.	Moon's Signs.	Sun rises.	Sun sets.	Days incr.	Observations.
20	B	knees	4 44	7 16	43	the weight thereof crush-
21	2	legs	42	18	6	ed him... The interpre-
22	3	ancles	40	20	8	tation follows: Typhon
23	4	feet	38	22	11	was brother to Osyris,
24	5	and	36	24	16	king of Egypt, who hav-
25	6	toes	34	26	20	ing killed the king, in-
26	7	head	32	28	24	vaded the Kingdom, but
27	B	face	30	30	28	was overthrown by Isis.
28	9	neck	28	32	32	This man, because of his
29	10	throat	26	34	36	cruelty, was said to be
30	11	arms	24	36	40	nursed by a dragon; and
May	12	and	22	38	42	surely bloody tyrants are
	13	shoulds.	20	40	44	no better than the foster
	14	breast	18	42	46	children of dragons, and
4	B	and	16	44	48	the sons of the Earth,
5	16	tom.	14	46	52	and of the race of giants,
6	17	heart	13	47	56	and scourges or plagues
7	18	back	12	48	58	sent by God to punish a
8	19	bowels	10	50	3	people, as they say Ty-
9	20	belly	9	51	6	phon was. By Typhon
10	21	reins	8	52	10	also may be meant sub-
11	B	loins	7	53	14	terranean exhalations and
12	23	secret	6	54	18	vapours, causing earth-
13	24	memb.	5	55	22	quakes, and sometimes
14	25	hips	4	56	24	eruptions of fire, ashes,
15	26	thighs	3	57	27	stones, and pestilential
16	27	hams	2	58	30	smoke, flying up high in
17	28	knees	1	59	32	the air, as if they meant
18	B	legs	4 0	8 0	34	to pull Jupiter out of his
19	30	and	3 59	1	36	throne. These are said
20	31	ancles	58	2	38	

JUNE hath xxx Days.

Last Quarter the 1st Day, at 10 in the Morning.
New Moon the 9th Day, at 7 in the Morning.
First Quarter the 17th Day, at 9 in the Morning.
Full Moon the 23d Day, at 11 at Night.
Last Quarter the 30th Day, at 8 at Night.

M D.	W D.	Saints Days and Terms.	☽ rises and sets	☽'s South.	Full Sea at Lond.	Aspects and Weather.
1	W	Ox. Term beg.	☽ 42	6 6	7 M 21	Good season-
2	T	Corpus Christi.	1 6	6 54	8 21	able weather is
3	F	Term begins.	1 31	7 40	9 21	expected at the
4	S	K. Geo. III bo.	1 55	8 25	10 21	beginning of
5	B	1 S. after Trin.	2 19	9 10	11 19	Pr. Ern. Aug.
6	M		2 48	9 54	0 A 13	this month,
7	T		3 18	10 38	1 1	then follows
8	W		3 48	11 24	1 48	some drizzling
9	T		☽ sets.	0 A 13	2 36	rains for some
10	F	Prs Amelia bo.	8 A 54	1 2	3 12	days.
11	S	St. Barnabas Ap.	9 35	1 46	3 41	□ ☉ ♄ △ ♃ ♂
12	B	2 S. after Trin.	10 13	2 33	4 9	6 ♃ ☿ air
13	M		10 45	3 20	4 55	6 ☉ ☿ gentle
14	T		11 15	4 7	5 22	winds produc
15	W		11 40	4 54	6 5	ing some thun-
16	T		Morn.	5 48	6 54	der showers,
17	F	St. Alban.	0 6	6 27	7 54	flying clouds,
18	S		0 31	7 14	8 47	and overcast;
19	B	3 S. after Trin.	0 57	8 4	9 55	now more set-
20	M	Transf. K. Edw.	1 25	8 57	11 2	tled weather,
21	T	Longest Day.	1 59	9 54	Morn.	yet with some
22	W	Term ends.	2 39	10 55	0 13	brisk gales of
23	T		3 28	11 56	1 19	wind, and pro-
24	F	St. John Bapt.	☽ rises.	Morn.	2 2	bably showers
25	S		9 A 45	0 56	3 0	about the full
26	B	4 S. after Trin.	10 4	1 59	3 49	moon.
27	M		10 30	2 57	4 28	
28	T		10 56	3 52	5 10	✶ ☿ ☽ Wind
29	W	St. Peter	11 31	4 43	5 54	and showers to
30	T		11 57	5 35	6 44	the end.

Old Style. New Style.

The { 4th Day, at 11 at Night. *Venus*
5th Day, at 4 in the Aftern. *Jupiter*
6th Day, at 2 in the Aftern. *Mars*
8th Day, at 4 in the Aftern. *Mercury*
16th Day, at 10 at Night. *Saturn* } is with).

M D.	M D.	Moon's Signs.	Sun rises.	Sun sets.	Days incr.	Observations.
21	1	feet	57	8 3	8 38	to be the sons of Tytan,
22	2	toes	56	4	40	and of the Earth, because
23	3	head	55	5	42	they are begot by the
24	4	face	55	5	42	heat and influence of the
25	B	neck	54	6	43	Sun in the hollow and
26	6	and	53	7	43	spungy places of the Earth.
27	7	throat	52	8	43	This Fable seems rather
28	8	arms	51	9	44	On the 10th day of this
29	9	should.	50	10	44	month 1711, was born
30	10	breast	50	10	45	the hopeful princess A-
31	11	and	50	10	45	melia-Sophia, 2d daugh-
	B	stomach	49	11	45	ter to his late Majesty
June	13	heart	49	11	46	King George II.
	14	back	49	11	46	to point at the variable
4	15	bowels	49	11	46	fortune of princes, and the
5	16	and	48	12	46	rebellious insurrections of
6	17	belly	48	12	46	traitors in a state; for
7	18	reins	48	12	46	princes may well be said
8	B	loins	47	13	46	On the 4th day of this
9	20	secret	47	13	46	month 1738, was born
10	21	memb.	47	13	Days	his present most gracious
11	22	hips	47	13	decr. 0	Majesty K. George III.
12	23	thighs	47	13	0	whom God preserve.
13	24	hams	48	12	0	to be to their dominions
14	25	knees	48	12	0	as Jupiter was to Juno;
15	B	legs	48	12	1	but it sometimes happens
16	27	ancles	49	11	1	that being debauched by
17	28	feet	49	11	1	the long custom of em-
18	29	toes	49	11	3	piring and bending to-
19	30	head	50	10	2	wards tyranny, they en-

JULY hath xxxi Days.

New Moon the 8th Day, at 10 at Night.
First Quarter the 16th Day, at 6 in the Evening.
Full Moon the 23d Day, at 7 in the Morning.
Laſt Quarter the 30th Day, at 8 in the Morning.

M D.	W D.	Saints Days and Terms.	☽ riſes and ſets.	☽'s South.	Full Sea at Lond.	Aſpects and Weather.
1	F		Morn.	6 17	7 34	Pleaſant and
2	S	Viſit. B. V. M.	0 21	7 2	8 35	✶ ☉ ♃ whole-
3	B	6 S. after Trin.	0 47	7 48	9 33	ſome blaſts of
4	M	Camb. com.	1 14	8 33	10 32	wind bringing
5	T	O. Midſum. day.	1 46	9 18	11 30	ſome rains, fly-
6	W		2 18	10 4	0 A 24	ing clouds, and
7	T	Tho. à Becket.	3 0	10 50	1 14	✶ ♂ ☿ cooling
8	F		☽ ſets.	11 46	2 1	winds.
9	S	Cam. Ter. ends.	8 A 11	0 A 26	2 47	□ ♃ ☿ Good
10	B	6 S. after Trin.	8 44	1 13	3 19	weather for the
11	M	Ox. Act begins	9 14	1 59	3 48	moſt part, and
12	T		9 45	2 46	4 19	ſeaſonable.
13	W		10 5	3 32	4 55	✶ ☉ ♄ Flying
14	T		10 30	4 18	5 31	clouds and o-
15	F	St. Swithin.	10 54	5 5	6 15	vercaſt with
16	S	Ox. Ter. ends.	11 21	5 52	7 6	cooling winds.
17	B	7 S. after Trin.	11 51	6 43	8 6	Good weather
18	M		Morn.	7 37	9 4	for the hay-
19	T		0 29	8 34	10 33	time, and may
20	W	Margaret V. M.	1 11	9 33	11 49	continue ſome
21	T		2 4	10 35	Morn.	☌ ☌ ♀ days.
22	F		3 8	11 37	0 58	Smiling rains,
23	S	Q. Denmark b.	☽ riſes.	Morn.	2 2	now fair and
24	B	8 S. after Trin.	8 A 31	0 37	2 55	clear, hot days
25	M	St. James Ap.	9 3	1 34	3 32	for ſome time,
26	T		9 31	2 38	4 6	winds and cool
27	W		9 58	3 19	4 44	□ ♄ ☌ for the
28	T		10 23	4 8	5 22	ſeaſon.
29	F		10 48	4 55	6 6	Variable wea-
30	S	Dog-days begin	11 14	5 41	6 54	ther concludes
31	B	9 S. after Trin.	11 43	6 27	7 48	the month.

Old Style. New Style.

The { 3d Day, at 10 in Foren. *Jupiter*
4th Day, at 10 at Night, *Venus*
5th Day, at 2 in Aftern. *Mars*
10th Day, at Midnight, *Mercury*
14th Day, at 4 in Morn. *Saturn*
31ſt Day, at 1 in Morn. *Jupiter* } is with ☽

M. D.	M. D.	Moon's Signs.	Sun riſes.	Sun ſets.	Days decr.	Obſervations.
20	1	face	3 49	8 11	0 3	deavour to draw all to
21		neck	3 50	10	4	themſelves, and contemn-
22		and	51	9	5	ing the councils of their
23	4	throat	52	8	5	nobles and ſenators, hatch
24	5	arms	52	8	6	laws in their own brain,
25	6	ſhould.	53	7	7	that is, diſpoſe of things
26	7	oreaſt	54	6	8	by their own fancy and
27		and	55	5	9	abſolute power. The peo-
28		dom.	56	4	10	ple repining at this, ſtudy
29		heart	56	4	11	how to create and ſet up
30	11	back	57	3	12	a chief of their own choice.
31	12	bowels	58	2	13	This project by the ſecret
	13	and	59	1	14	inſtigation of peers and
3	14	belly	4 0	8 0	16	nobles doth for the moſt
4	15	reins	1	7 59	17	part take its beginning,
5	16	loins	2	58	19	by whoſe connivance the
6		ſecret	3	57	21	commons being ſet on
7	18	memb.	4	56	24	edge, there follows a kind
8	19	hips	5	55	26	of murmuring or diſcon-
9	20	thighs	6	54	30	tent in the ſtate, ſhadow-
10	21	hams	7	53	34	ed out by the infancy of
11	22	knees	8	52	38	Typhon, which being
12	23	legs	9	51	41	nurſed by the natural
13		ancles	10	50	44	gravity and clownish ma-
14	25	feet	11	49	46	lignity of the vulgar ſort,
15	26	toes	13	47	49	(as infectious to princes
16	27	head	15	45	51	as ſerpents) is again to
17	28	face	16	44	55	On the 22d day of this
18	29	neck	18	42	58	month the Queen of Den-
19	30	and	19	41	1 2	mark was born 1751.
20		throat	21	39	5	

AUGUST hath xxxi Days.

New Moon the 7th Day, near Noon.
First Quarter the 14th Day, at Midnight.
Full Moon the 21st Day, at 3 in the Afternoon.
Last Quarter the 29th Day, at 1 in the Morning.

M D	W D	Saints Days and Terms.	☽ rises and sets.	☽'s South.	Full Sea at Lond.	Aspects and Weather.
1	M	Lammas-Day.	Morn.	7 11	8 44	Expect frequent
2	T		☌ 19	7 58	9 43	and brisk gales
3	W		0 58	8 41	10 4	of wind all the
4	T		1 42	9 34	11 5	former part of
5	F		2 2	10 27	0 42	this month, with
6	S	Transfiguration	2 28	11 7	1 31	some small
7	B	10 S. after Trin.	☽ sets.	11 54	2 19	showers about
8	M		7 A 46	0 A 43	3 c	the new moon,
9	T		8 11	1 29	3 30	flying clouds
10	W	St. Laurence.	8 37	2 14	3 58	and overcast.
11	T	Prs. Brunsw. bo.	9 2	3 3	4 32	Now expect
12	F	Pr. of Wales b.	9 28	3 51	5 9	good harvest
13	S		9 52	4 40	5 51	✶ ♃ ☿ weather
14	B	11 S. after Trin.	10 30	5 32	6 45	for several days,
15	M	Assump. B. VM.	11 10	6 27	7 46	and not much
16	T	Pr. Frederick b.	11 55	7 24	9 c	alteration.
17	W		Morn.	8 23	10 18	Some sudden
18	T		0 52	9 23	11 35	☌ ☉ ☿ storms
19	F		1 53	10 23	Morn.	of rain may be
20	S		3 9	11 21	0 45	expected about
21	B	12 S. after Trin.	☽ rises.	Morn.	1 45	Pr. W. Henry b.
22	M		7 A 33	0 16	2 59	about the full
23	T		8 2	1 10	3 17	✶ ♄ ☿ moon.
24	W	St. Bartholom.	8 27	2 1	3 50	
25	T		8 53	2 50	4 22	Brisk gales of
26	F		9 21	3 38	4 59	wind and small
27	S		9 50	4 26	5 38	showers of rain,
28	B	13 S. after Trin.	10 24	5 12	6 24	though pro-
29	M		11 2	6 0	7 14	bably good
30	T		11 45	6 48	8 10	harvest weather
31	W		Morn.	7 33	9 12	to the end.

Old Style.	New Style.	The		
		3d Day, at 1 in Aftern.	*Mars*	is with ☽
		4th Day, at 3 in Morn.	*Venus*	
		8th Day, at Midnight.	*Mercury*	
		10th Day, at 4 in Aftern.	*Saturn*	
		27th Day, at 10 in Foren.	*Jupiter*	

M. D.	M. D.	Moon's Signs.	Sun rises.	Sun sets.	Days decr.	Observations.
21	1	arms	4 23	7 37	1 14	paired by a renewed
22	2	and	24	36	20	strength, and at last
23	3	should.	26	34	24	breaks out into open re-
24	4	breast	27	33	27	bellion, which (because it
25	5	stom.	29	31	29	brings forth infinite mi-
26	6	heart	31	29	33	sery upon prince and peo-
27	B	and	32	28	37	ple) is represented by the
28	8	back	34	26	40	monstrous deformity of
29	9	bowels	36	24	42	Typhon; his hundred
30	10	belly	38	22	44	heads signify their divided
31	11	reins	40	20	46	powers, his fiery mouths
Aug. 1	12	loins	41	19	48	their inflamed intents, his
2	13	secret	43	17	50	serpentine circles their
3	B	memb.	45	15	54	pestilent malice in besieg-
4	15	hips	47	13	1 58	ing, his iron hands, their
5	16	thighs	49	11	2 2	merciless slaughters, his
6	17	hams	50	10	6	eagle's talons, their greedy
7	18	and	52	8	10	rapines, his plumed body,
8	19	knees	54	6	14	their continual rumours,
9	20	legs	56	4	18	and scouts and fears, and
10	B	ancles	58	1	22	such like; and sometimes
11	22	feet	5 0	7 0	25	these rebellions grow so
12	23	toes	2	6 58	28	On the 11th of this
13	24	head	4	56	32	month 1737, was born the
14	25	face	6	54	36	hopeful Princess Augusta,
15	26	neck	8	52	40	first daughter to her royal
16	27	and	9	51	44	highness the Princess Do-
17	B	throat	10	50	46	wager of Wales.
18	29	arms	12	48	48	patent, that princes are
19	30	should.	14	46	52	enforced (being transport-
20	31	breast	15	45	2 56	

SEPTEMBER hath xxx Days.

New Moon the 6th Day, at 2 in the Morning.
First Quarter the 13th Day, at 6 in the Morning.
Full Moon the 20th Day, at 2 in the Morning.
Last Quarter the 27th Day, at 7 in the Afternoon.

M D.	W D.	Saints Days and Terms.	D rises and sets.		D's South.		Full Sea at Lond.		Aspects and Weather.
1	T	Giles Abbot.	☽M	30	8	20	☽M	15	✶ ♃ ♂ This
2	F	London burnt	1	24	9	7	11	5	month in all
3	S	1606, O. Style.	2	25	9	54	☽A	13	probability may
4	☉	14 S. after Trin.	3	27	10	22	1	5	begin as the la
5	M		4	32	11	39	1	51	ended with milo
6	T		☽ sets.		☽A	19	2	41	and temperate
7	W	Dog-days end	7	A 16	1	7	3	15	☐ ♃ ☿ air now
8	T	Nativ. B. V. M.	7	41	1	55	3	46	△ ☽ ♃ and
9	F		8	9	2	45	4	18	then some show-
10	S		8	40	3	37	4	59	ers, with cool
11	☉	15 S. after Trin.	9	16	4	31	5	41	gloomy days,
12	M		10	1	5	27	6	39	inclining to
13	T	Ember Week	10	50	6	22	7	43	moisture, and
14	W	Holyrood-day	11	52	7	22	8	57	probably no al-
15	T		Morn.		8	20	10	15	teration; good
16	F		1	2	9	17	11	28	harvest weathe:
17	S		2	15	10	13	Morn.		now and for
18	☉	16 S. after Trin.	3	29	11	6	0	34	some days cool
19	M		4	44	11	58	1	30	and cloudy,
20	T		☽ sets.		Morn.		2	22	with showers
21	W	St. Matth. Apo.	7	A 2	0	48	3	2	♂ ☉ ♄ and
22	T	K. Geo. III. Ecl.	7	33	1	37	3	34	✶ ☉ ♂ unset-
23	F		7	59	2	25	4	4	✶ ♄ ♂ tled
24	S		8	31	3	12	4	40	weather. Winds
25	☉	17 S. after Trin.	9	10	4	0	5	16	♂ ♄ ☿ and
26	M	St. Cyprian.	9	46	4	48	5	58	showers to the
27	T		10	32	5	35	6	48	✶ ♂ ☿ month's
28	W		11	22	6	23	7	42	end.
29	T	St. Michael.	Morn.		7	10	8	41	Prs. Ch. Aug. b
30	F		0	18	7	57	9	45	♂ ☉ ☿

Old Style. New Style. The { 3d Day, at 4 Aftern. *Venus*; 4th Day, at 8 at Night, *Saturn*; 5th Day, at 9 at Night, *Mercury*; 20th Day, at 11 at Night, *Jupiter*; 28th Day, at 8 at Night, *Mars*; 30th Day, at 6 Morn. *Venus* } is with D.

M. D.	M. D.	Moon's Signs.	Sun rises.	Sun sets.	Days decr.	Observations.
21	1	and	5 17	6 43	3 0	ed as it were by the re-
22	2	tom.	18	6 42	3	bels, and forſaking the
23	3	heart	20	40	6	chief ſeats and cities of
24	B	back	22	38	10	the kingdom to contract
25	5	bowels	24	36	14	their power, and being
26	6	belly	26	34	18	deprived of the ſinews of
27	7	reins	28	32	22	money and majeſty, be-
28	8	and	30	30	26	take themſelves to ſome
29	9	loins	32	28	28	remote and obſcure cor
30	10	ſecret	34	26	30	ner, within their domi-
31	B	memb.	36	24	34	nions, but in proceſs of
Sept. 1	12	hips	38	22	38	time (if they bear their
	13	thighs	40	20	42	misfortunes with mode-
	14	hams	42	18	46	ration) they may recove
4	15	knees	44	16	50	their ſtrength by the in-
5	16	legs	47	13	54	On the 2d, 3d, 4th
6	17	ancles	49	11 3	58	and 5th days of this month
7	B	feet	51	9 4	2	in Old Style or the 13th
8	19	toes	53	7	6	14th, and 15th according
9	20	head	55	5	9	to the New, 1666, was
10	21	and	57	3	12	the glorious city of Lon-
11	22	face	59	1	16	don burnt, by thoſe vile
12	23	neck	6 1	5 59	20	incendiaries the Papiſts.
13	24	throat	3	57	24	duſtry of Mercury, that
14	B	arms	5	55	28	is, they may by becom
15	26	ſhould.	7	53	32	ling affable, and by re-
16	27	breaſt	9	51	36	conciling the minds and
17	28	ſtom.	11	49	40	wills of their ſubjects
18	29	heart	13	47	44	with grave edicts and
19	30	and	15	45	4 48	gracious ſpeeches, excite
						an alacrity to grant aids
						and ſubſidies, whereby to
						ſtrengthen

OCTOBER hath xxxi Days.

New Moon the 5th Day, at 3 in the Afternoon.
First Quarter the 12th Day, at 11 in Forenoon.
Full Moon the 19th Day, at 4 in the Afternoon.
Last Quarter the 27th Day, at 3 in the Afternoon.

M D	W D	Saints Days and Terms.	D rises and sets.	D's South.	Full Sea at Lond.	Aspects and Weather.
1	S		1 M 20	8 44	10 M 46	Calm and foggy
2	B	18 S. after Trin.	2 36	9 32	11 47	☌ ♃ ☿ at the
3	M		3 33	10 19	0 A 13	beginning, tho'
4	T		4 42	11 7	1 31	mostly dry, and
5	W		D sets.	11 46	2 21	good weather
6	T		6 A 13	0 A 47	3 2	for the wheat
7	F		6 49	1 40	3 36	seed time; mo-
8	S		7 25	2 34	4 10	derate weather,
9	B	19 S. after Trin.	8 8	3 40	4 54	and so continues
10	M	Cam. & Ox. T. b	8 56	4 2	5 40	Old Mich. day.
11	T		9 56	5 25	6 37	for several days.
12	W		11 1	6 23	7 42	Cold dark air,
13	T	Fa. K. Ed. Con.	Morn.	7 19	8 54	winds, and cold
14	F		9 9	8 14	10 7	rain may be
15	S		1 29	9 8	11 16	☌ ♄ ☿ now ex
16	B	20 S. after Trin.	2 36	9 59	Morn.	□ ♅ ♂ pected.
17	M	Etheldred.	3 51	10 48	0 19	brisk winds:
18	T	St. Luke Evan.	5 3	11 37	1 12	clearing the air
19	W		D rises.	Morn.	2 2	Frosty morn-
20	T		6 A 4	0 25	2 46	ings and clear
21	F		6 34	1 10	3 19	days; not much
22	S		7 7	1 59	3 49	alteration as
23	B	21 S. after Trin.	7 46	2 37	4 20	yet.
24	M		8 30	3 25	4 57	
25	T	K. Geo. III. In.	9 19	4 23	5 35	□ ♂ ☿ Winds
26	W	K. Geo. III. Pr.	10 14	5 10	6 22	and a dark air
27	T		11 14	5 57	7 17	may be expect-
28	F	St. Sim. & Jude	Morn.	6 43	8 6	ed; dazzling
29	S		0 13	7 30	9 8	rains and cloudy
30	B	22 S. after Trin.	1 18	8 16	10 9	✶ ☌ ☿ air to
31	M		2 25	9 2	11 8	the end.

Old Style. New Style. The { 1st Day, at 10 in Morn. *Mars*; 3d Day, at 10 Foren. *Venus*; 4th Day, at 2 Aftern. *Mercury*; 7th Day, at 6 in Morn. *Saturn*; 23d Day, at 8 at Night, *Jupiter*; 31st Day, at 11 at Night, *Saturn* } is with ☽

M D.	M D	Moon's Signs.	Sun rises.	Sun sets.	Days decr.	Observations.
20	1	back	6 16	5 44	4 54	ſtrengthen their authority
21	B	bowels	18	42	58	anew; nevertheleſs, hav-
22	3	belly	20	40	5 2	ing learned to be wiſe and
23	4	reins	22	38	6	wary, they will refrain to
24	5	and	24	36	10	try the chance of war an-
25	6	loins	26	34	15	other time, and yet ſtudy
26	7	ſecret	28	32	23	how to ſuppreſs the repu-
27	8	memb.	30	30	26	tation of the rebels by
28	B	hips	32	28	30	ſome famous action, which
29	10	thighs	34	26	34	if it fall out anſwerable to
30	11	hams	36	24	38	their expectation, the re-
Oct.	12	knees	38	22	42	bels, finding themſelves
	13	legs	40	20	46	weakned, and fearful of
	14	ancles	42	18	50	the Succeſs of their bro-
4	15	feet	44	16	54	ken projects, betake them-
5	B	and	46	14	58	ſelves to ſome ſlight and
6	17	toes	48	12 6	2	vain bravadoes, like the
7	18	head	50	10	6	hiſſing of ſerpents. Thus,
8	19	face	52	8	10	by this famous action, is
9	20	neck	54	6	14	the monſter ſaid to be
10	21	throat	56	4	18	ſtruck by Jupiter with a
11	22	arms	6 58	5 0	22	thunderbolt, and by his
12	B	and	7 0	4 58	26	blood ſerpents are engen-
13	24	ſhould.	2	56	29	dered. At length the re-
14	25	breaſt	4	54	33	bels in deſpair betake
15	26	ribs.	6	52	39	themſelves to flight, and
16	27	heart	8	50	42	then when they begin to
17	28	and	10	48	46	break, it is ſafe and time-
18	29	back	12	47	50	ly for kings to purſue and
19	F	bowels	13	46	54	ſuppreſs them, with the
20	31	belly	14		5 58	forces and weight of the
						kingdom, as it were with
						the mountain Ætna. Of

the

NOVEMBER hath xxx Days.

New Moon the 4th Day, at 3 in the Morning.
First Quarter the 10th Day, at 7 at Night.
Full Moon the 18th Day, at 6 in the Morning.
Last Quarter the 26th Day, at 11 in the Forenoon.

M D.	W D.	Saints Day's and Terms.	D rises and sets.	D's South.	Full Sea at Lond.	Aspects and Weather.
1	T	All Saints	3 M 3	9 49	0 A 8	Windy weather
2	W	All Souls	4 4	10 39	1 2	Pr. Edward b.
3	T		6 2	11 30	1 54	☌ ☉ ♃ with
4	F		D sets.	0 A 26	2 47	frosty mornings,
5	S	Powder Plot	6 A 4	1 23	3 2	perhaps some
6	B	23 S. after Trin.	6 51	2 22	4 2	✱ ♄ ☿ fleets or
7	M	Term begins.	7 48	3 21	4 45	D. of Cumb. b
8	T	Prs. Sophia bo.	8 53	4 21	5 34	cold rains, now
9	W	L. Mayor's-day	10 .	5 18	6 30	more fair and
10	T		11 14	6 14	7 31	pleasant, and
11	F	Martinmas day	Morn.	7 7	8 38	moderate gentle
12	S		0 28	7 57	9 45	winds and frosty
13	B	24 S. after Trin.	1 35	8 45	10 47	mornings may
14	M		2 59	9 35	11 48	☌ ☉ ♀ be ex
15	T		4 3	10 30	Morn.	pected, bluster-
16	W		5 10	11 6	0 42	ing winds at or
17	T		6 16	11 5	1 30	about the full
18	F		D rises.	Morn.	2 18	moon; now fair
19	S		5 A 4	0 40	2 57	and frosty wea-
20	B	25 S. after Trin.	6 42	1 27	3 28	ther may be ex-
21	M		7 9	2 14	3 58	pected for se-
22	T	Old Martinmas	8 30	3 1	4 30	veral days;
23	W	St. Clement	8 52	3 48	5 7	foggy air may
24	T		9 56	4 34	5 56	be now expect-
25	F	D. of Glouc. b.	10 59	5 20	6 32	ed, winds and
26	S		Morn.	6 4	7 19	cold rains to
27	B	Advent Sunday	0 4	6 49	8 14	the end of the
28	M	Term ends.	1 9	7 35	9 15	✱ ☉ ♄ month.
29	T		2 17	8 22	10 18	
30	W	St. Andrew Ap.	3 32	9 11	11 20	

Old Style. New Style.

The { 2d Day, at 10 at Night, *Venus*
5th Day, at 2 in Aftern. *Mercury*
16th Day, at 9 at Night, *Jupiter* } is with ☽.
26th Day, at 9 in Morn. *Jupiter*
28th Day, at Midnight, *Saturn*

M D.	M D.	Moon's Signs.	Sun rises.	Sun sets.	Days decr.	Observations.
21	1	reins	7 15	4 45	7 2	the Cyclops, 'tis said they
22	2	loins	17	43	4	were the sons of Neptune
23	3	secret	19	41	6	and Amphytrite, and that
24	4	memb.	20	40	8	they were Vulcan's assist-
25	5	hips	22	38	12	ants in making Jupiter's
26	☽	thighs	24	36	16	thunderbolts, and Mars's
27	7	hams	26	34	21	chariots, &c. They were
28	8	knees	27	33	26	men of great and huge
29	9	legs	28	32	30	stature, having but one
30	10	ancles	29	31	32	eye, which was in the
31	11	feet	31	29	34	midst of their forehead;
Nov. 1	12	and	33	27	38	they lived upon men's
	☽	toes	35	25	42	flesh, Polyphemus was
3	14	head	37	23	44	their chief, and he was
4	15	face	39	21	46	their shepherd, and in
5	16	neck	41	19	49	love with Galathea, he
6	17	and	42	18	52	having devoured some of
7	18	throat	44	16	55	Ulysses's companions, was
8	19	arms	45	15	7 58	by him intoxicated with
9	☽	should.	46	14	8 1	wine, and his eye put out.
10	21	breast	48	12	3	There are three of these
11	22	stomach	49	11	6	of great note among the
12	23	heart	50	10	9	poets, viz. Brontes, Ste-
13	24	and	52	8	12	ropes, and Pyracmon.
14	25	back	53	7	15	'Tis said, that the Cyclops
15	26	bowels	55	5	17	
16	☽	and	56	4	20	On the 25th Day of
17	28	belly	57	3	22	this month 1742, was
18	29	reins	7 59	1	24	born the hopeful Prince
19	30	loins	8 0	4 0	26	William-Henry, third
						son of her royal highness
						the Princess-Dowager of
						Wales.

for

DECEMBER hath xxxi Days.

New Moon the 3d Day, at 2 in the Afternoon.
First Quarter the 10th Day, at 5 in the Morning.
Full Moon the 17th Day, at 11 at Night.
Last Quarter the 26th Day, at 5 in the Morning.

M. D.	W D	Saints Days and Terms.	☽ rises and sets.	☽'s South	Full Sea at Lond.	Aspects and Weather.
1	T		4 A 46	10 2	0 A 22	Moderate wea-
2	F		6 2	10 58	1 20	ther at the be-
3	S		☽ sets.	11 53	2 20	ginning, but
4	B	2 S. in Advent	5 A 25	0 A 58	3 9	☌ ☉ ☿ soon
5	M		6 28	2 0	3 49	□ ♂ ♀ change
6	T		7 37	3 0	4 30	* ♄ ♀ to windy
7	W		8 52	3 59	5 16	△ ♃ ♂ rainy
8	T		10 6	4 55	6 5	☌ ♀ ☿ cloudy
9	F		11 22	5 46	7 0	□ ♂ ☿ snow or
10	S		Morn.	6 34	7 56	* ♄ ☿ sleet,
11	B	3 S. in Advent	0 33	7 21	8 51	and all variety
12	M		1 43	8 8	10 9	of winterly wea-
13	T	Lucy.	2 51	8 54	10 58	ther; the wea-
14	W	Ember Week.	3 57	9 40	11 57	ther is still un-
15	T		5 1	10 26	Morn.	settled till after
16	F	Cam. Ter. ends	6 3	11 12	0 58	the full moon,
17	S	Oxf. Term ends	7 1	11 59	1 36	then is more set-
18	B	4 S. in Advent	☽ rises.	Morn.	2 24	tled into frost
19	M		5 42	0 45	3 0	and cold, and
20	T		6 36	1 32	3 31	holds so for
21	W	St. Thomas Ap.	7 35	2 19	4 0	some intervals;
22	T		8 35	3 5	4 34	now a more
23	F		9 38	3 50	5 8	temperate air
24	S		10 43	4 35	5 46	may be expect-
25	I	Christmas Day	11 49	5 19	6 31	ed, with fun-
26	M	St. Stephen.	Morn	5 59	7 18	shiny days, tho'
27	T	St. John.	0 57	6 44	8 14	△ ☉ ♃ I ex-
28	W	Holy Innocents	2 8	7 36	9 18	pect the year
29	T		3 22	8 28	10 28	will conclude
30	F		4 36	9 20	11 36	with cold wa-
31	S		5 51	10 20	0 A 44	terly weather.

Old Style. New Style.

The { 2d Day, at Midnight, *Venus* / 3d Day, at 9 at Night, *Mercury* / 13th Day, at 10 at Night, *Jupiter* / 24th Day, at 10 Morn. *Mars* / 26th Day, at 1 Aftern. *Saturn* } is with D.

M. D.	D.	Moon's Signs.	Sun rises.	Sun sets	Days decr.	Observations.
2	1	ecret	8	3 59	8 28	for their fierceneſs and
21	2	memb.		2 58	30	cruelty were by Jupiter
22	3	hips		3 57	32	caſt into hell, and there
23	4	thighs		4 56	34	doomed to perpetual im-
24	5	hanks		5 55	36	priſonment, but Tellus
25	6	knees		5 55	38	perſuaded Jupiter that it
26	7	egs		6 54	40	would do well if they
27	8	ancles		7 53	42	were ſet at liberty, and
28	9	feet		8 52	44	were put to forge thun-
29	10	toes		8 52	45	derbolts; which being
30	11	head		9 51	46	done accordingly they
Dec. 1	12	face		9 51	47	became ſo painful and in-
2	13	neck		10 50	48	duſtrious as that day and
3	14	and		10 50	48	night they were hammer-
4	15	throat		11 49	49	ing out in laborious dili-
5	16	arms		11 49	50	gence thunderbolts, and
6	17	ſhould.		12 48	50	other inſtruments of ter-
7	18	breaſt		12 48	51	ror. In proceſs of time
8	19	and		13 47	51	Jupiter having conceived
9	20	ſtom.		13 47	52	a diſpleaſure againſt Æſ-
10	21	heart		13 47	52	culapius, the ſon of A-
11	22	back		13 47	52	pollo, for reſtoring a dead
12	23	bowels		13 47	52	man to life by phyſic, and
13	24	belly		13 47	Day	concealing his diſlike,
14	25	reins		12 48	incr. 0	(becauſe there was no
15	26	and		12 48	1	juſt cauſe of anger, the
16	27	loins		11 49	2	deed being pious and fa-
17	28	ecret		11 49	3	mous) ſecretly incenſed
18	29	memb.		10 50	4	the Cyclops againſt him,
19	30	ips		10 50	6	who without delay fit-
20	31	thighs	8	9 51	8	him with a thunderbolt.

To be continued in our next.

A TABLE of ſome principal Fixed Stars, with the Time they riſe, ſouth, and ſet, either before or after the Seven Stars; as alſo their Colour, Magnitude, and Meridian Altitude, by which they may be readily diſcovered.

Colour.	Alt.	Mag.	Names of the Stars.	Riſe h. m.	South h. m.	Sets h. m.
♂	53	1	*Aldebaran, or Bull's Eye*	1a34	0 4b	0b 0
♄ ♃	29	1	*Left Foot of Orion*	4 31	1 31	1 34
♃ ♄	36	2	*Middle * in Orion's Belt*	4 13	1 51	0 35
♂ ☿	15	1	*Right Shoulder of Orion*	3 23	2 8	0 8
♀ ♂	21	1	Syrius *the great Dog*	6 51	3 1	0 48
♂	42	1	Procyon *the little Dog*	5 33	3 53	2 7
♄ ♀	30	2	*Heart of Hydra*	8 39	5 41	2a44
♃ ♀	51	1	Regulus *Lyon's Heart*	7 26	6 21	5 16
☿	54	1	*The Lyon's Tail Deneb.*	8 42	7 54	6 0
♀ ♂	28	1	*Virgin's Spike*	12 46	9 38	7 36
♂ ♃	58	1	*Arcturus*	10 47	10 30	10 12
♂	13	1	*Antares the Scorpion's H.*	17 36	10 39	7 42
♄	46	2	*Bright Star of the Vulture*	17 38	16 3	9 27
♀ ☿	6	1	*Fomahaut*	1 10	16 11	10 37
♃ ♀	65	2	*Head of Andromeda*	19 33	0 11	2 59

THE brighteſt of the Seven * is of the third Magnitude, and hath 61 Degrees of Meridian Altitude, and in Colour participates of the ☽ and ☿.

The fixed Stars all riſe South, and ſet about 4 Minutes ſooner every Night than they did the Night before. This conſidered, the exact Time of their Riſing, Southing, and Setting, for any intermediate Night not herein noted, may be very eaſily deduced from theſe Tables, by Inſpection only.

To know the Time of the Riſing, Southing, and Setting of any Star in this Table, for any Day required, it is but conſidering how many Hours and Minutes that Star riſes, ſouths, or ſets, either before or after the Seven Stars on that Day, and you will have your Deſire; obſerving, that, in this Table, *a* ſtands for *after*, and *b* for *before*.

Of

SAUNDERS, 1774.

The SECOND PART.

1. Containing a curious Chronology from the Creation of the World to this Time.

2. The Rising, Southing, and Setting of the Seven Stars, and other Stars of Note, whereby the Hour of the Night may be found at any Time of the Year, as readily as the Hour of the Day is by the Sun.

3. An Account of the Eclipses this Year, and of the Sun's Entrance into the four Cardinal Points, by which he constitutes the Four Seasons of the Year.

Of the Characters of the Twelve Signs, and what Part of the Body they are said to Govern.

North Signs.		*South Signs.*	
♈	Aries, *Head and Face*	♎	Libra, *Reins & Loins*
♉	Taurus, *Neck and Throat*	♏	Scorpio, *Secrets*
♊	Gemini, *Arms & Should.*	♐	Sagittary, *Thighs*
♋	Cancer, *Breast & Stom.*	♑	Capricorn, *Knees*
♌	Leo, *Heart and Back*	♒	Aquarius, *Legs*
♍	Virgo, *Bowels and Belly*	♓	Pisces, *Feet.*

The Characters of the Planets, with the Dragon's Head and Tail.

Superior Planets.	♄ Saturn	☉ the Sun	*Inferior Planets.*	♀ Venus	
	♃ Jupiter			☿ Mercury	
	♂ Mars			☽ Moon	
	☊ Dragon's Head.			☋ Dragon's Tail.	

The Characters of the Aspects.

☌	Conjunction	☍	Opposition	□	Square
✱	Sextile			△	Trine

A Compendious Chronology of Memorable Things since the Creation to this present Year.

A.P.J.	*before Chriſt*		*Years since.*
710	4004	The Creation of the World	5778
1766	2948	*Noah* born	4722
2366	2348	*Noah*'s Flood began	4122
2481	2233	The *Babylonian* Monarchy eſtabliſhed	4007
2718	1996	*Abraham* born	3770
2986	1728	*Joſeph* ſold into *Egypt*	3502
3143	1571	*Moſes* born	3345
3223	1491	The *Iſraelites* Departure out of *Egypt*	3268
3530	1184	*Troy* taken and deſtroyed by the *Greeks*	2958
3710	1004	*Solomon*'s Temple built and dedicated	2778
4126	588	*Jeruſalem* and the Temple deſtroyed	2362
4176	538	*Daniel* delivered from the Den of Lions	2312
4198	516	The Temple of *Jeruſalem* rebuilt	2290
4391	323	The Death of *Alexander the Great*	2097
4710	4	The true Year of *Chriſt*'s Birth	1778
4714	0	The vulgar Year of *Chriſt*'s Birth	1774

A.D.		
33	The Paſſion and Reſurrection of *Jeſus Chriſt*	1741
70	*Jeruſalem* and the Temple deſtroyed by *Titus*	1704
100	St. *John*, the laſt of the Apoſtles, dies, *Dec.* 20.	1674
313	Chriſtianity triumphs under *Conſtantine*	1461
470	*Auguſtulus*, the laſt *Roman* Emperor, depoſed	1304
606	The wicked *Phocas* makes Pope *Boniface* Head of the Church	1168
608	*Mahomet* broaches his Impoſture at *Mecca*	1166
872	*Italy* and *Rome* plundered by the *Saracens*	902
1012	*Sovain*, King of *Denmark*, conquers *England*	762
1066	*William*, Duke of *Normandy*, conquers *England*	708
1110	Arts and Sciences taught in *Cambridge*	664
1119	The firſt War between the *French* and *Engliſh*	655
1300	The *Mariners* Compaſs invented	474
1330	The *Canaries* diſcovered by an *Engliſh* Ship	444
1380	Gunpowder and the Uſe of Guns firſt found out	394
1453	*Conſtantinople* taken from the *Chriſtians*	321
1463	The *Perſians* conquered by *Tamerlane*	311

A. D.		*Years since.*
1500	*Rome* plunder'd by the Duke of *Bourbon*	274
1517	*Martin Luther* firſt diſputed againſt Popery	257
1536	*England* ſeparated from the Church of *Rome*	238
1588	The *Spaniſh Armada* defeated by the *Engliſh*	186
1603	Q. *Eliz.* died, *March* 24. and K. *James* I. began	171
1604	Died of the Plague in *London* in 2 Years 68,596	170
1605	Gunpowder Treaſon *Nov.* 5.	169
1613	The New-River Water brought to *London*	161
1618	The Excellent Sir *Walter Raleigh* beheaded	156
1625	K. *James* I. died, K. *Charles* I. began *March* 27.	149
1625	35,417 Perſons died of the Plague in *London.*	149
1641	The Cruel *Iriſh* Maſſacre, began *October* 23.	133
1643	*Burleigh-Houſe* Stormed by *Cromwel, July* 24.	131
1649	K. *Charles* I. barbarouſly Murdered, *January* 30.	125
1660	K. *Charles* II. Reſtor'd *May* 29.	114
1665	68,586 Perſons Died of the Plague in *London.*	109
1666	*London* Burnt, and a great Sea-fight with the *Dutch.*	108
1672	War declared againſt the *Dutch, March* 17.	102
1674	A great Snow for 11 Days together.	100
1675	The Town of *Northampton* Burnt, *September* 3.	99
1680	A great and ſplendid Comet appear'd.	94
1684	The great Froſt that held 13 Weeks.	90
1685	K. *Charles* II. died, *Feb.* 6. and K. *James* II. began	89
1685	The Duke of *Monmouth* Beheaded, *July* 15.	89
1688	Seven Biſhops ſent to the *Tower, June* 8.	86
1688	King *James* II. Abdicated, *December* 12.	86
1689	King *William* and Q. *Mary* Crown'd *April* 11.	85
1692	The *French* Fleet entirely defeated by the *Engliſh*	82
1698	*Whitehall* Palace entirely deſtroyed by Fire except the *Banqueting Houſe*	76
1702	K. *William* died, *March* 8. and Q. *Anne* began	72
1702	Q. *Anne* proclaimed War againſt *France, May* 4.	72
1703	A great and terrible Wind, *November* 26. and 27.	71
1704	*Gibraltar* taken by the *Engliſh*	70
1707	*England* and *Scotland* united, *May* 1.	67
1710	Riots and great Diſturbances in *England*	64
1714	Q. *Anne* died *Aug.* 1. and K. *George* I. began	60
1715	A Rebellion in *Scotland* and *Lancaſhire* ſuppreſſed	59
1715	A famous total Eclipſe of the ☉ in *England, April* 22, in the Morning	59

A. D.		Years since.
1716	A great Froſt in the Beginning of this Year	58
1718	The *Spaniſh* Fleet deſtroyed by Admiral BYNG near *Syracuſe*, *July* 31.	56
1719	A ſurpriſing Meteor ſeen, *March* 19. at Eight at Night	55
1719	Mr. *Flamſtead*, a Celebrated Aſtronomer, died *Dec.* 31.	55
1926	The incomparable Sir *Iſaac Newton* died, *March* 28.	48
1727	K. *George* I. died, *June* 11, and K. *George* II. began	47
1734	The Prince and Princeſs of *Orange* married, *March* 14.	40
1736	The Prince and Princeſs of *Wales* married, *April* 27.	38
1739	Letters of Marque publiſhed in *London* againſt the *Spaniards*, *July* 16.	35
1739	Admiral VERNON ſailed for the *Weſt-Indies*, *July* 20.	35
1739	War declared by *Great-Britain* againſt *Spain*, *Oct.* 23.	35
1739	*Porto Bello* taken and deſtroyed by Admiral VERNON, *November* 22.	35
1740	Fort *Chagre* taken and deſtroyed, *March* 24.	34
1740	A very ſevere Froſt from *Decemb.* 25, to *February* 27.	34
1742	A Comet appeared from *February* 18, to *March* 14.	32
1742	A Conjunction of ♄ and ♃ *Auguſt* 18.	32
1743	A ſplendid Comet appeared from *December* 23, to *February* 18, in ♈.	31
1744	*March* 4, *France* declared War againſt *England*, and *March* 31, *England* declared War againſt *France*	30
1745	*Cape Breton* taken from the *French*, *June* 16.	29
1746	The *Highland* Rebels defeated, *April* 16.	28
1748	A Peace concluded, *October* 7.	26
1751	The Prince of *Wales* died, *March* 21.	23
1752	The Date and Calendar altered	22
1760	K. *George* II. died, *Oct.* 25. and K. *George* III. began	14
1761	King *George* III. and Q. *Charlotte* crowned, *Sept.* 22.	13
1762	A great Snow for 18 Days together in *Feb.* and *Mar.*	12
1762	Prince of Wales born, *Auguſt* 12.	12
1763	A general Peace with *France* and *Spain*	11
1763	Prince Frederick born, *Auguſt* 16.	11
1765	Prince William Henry born, *Auguſt* 21.	9
1766	Princeſs Royal born, *Sept.* 29.	8
1767	Prince Edward born, *November* 2.	7
1768	Princeſs Sophia Auguſta born, *November* 2.	6
1770	Princeſs Elizabeth born, *May* 22.	4
----	Prince Erneſt Auguſtus, born *June* 5.	3

A select Alphabetical Table of Foreign Coins.

Names.	Value Sterling.				What Country.
	£.	s.	d.	f.	
Abashee	0	1	4	0	Persia
Asar	0	6	8	0	Ditto
Aspar	0	0	0	3	Turkey
Besse	0	0	1	2	Persia
Capan	0	0	3	0	East India
Capeck	0	0	1	0	Moscovy
Cohan	1	10	0	0	Japan
Christiana	0	1	4	0	Swetlen
Copstake	0	1	0	0	Germany
Crusado	0	6	2	0	Ditto
Ditto	0	2	10	0	Portugal
A Crown	0	4	6	0	France
Ditto	0	5	3	0	Florence
Ditto	0	7	6	0	Rome
Ditto	1	2	0	0	Barcelona
Dina	1	10	0	0	Aleppo
Dollar	0	4	6	0	Italy
Lion Dollar	0	4	0	0	Aleppo
Cross Dollar	0	4	2	0	Holland
Specie Dollar	0	5	0	0	Ditto
Zeland Dollar	0	3	0	0	Ditto
Old Philip's Dollar	0	5	0	0	Holland
Leopold's Dollar	0	4	3	0	Ditto
Rudolphus's Dollar	0	4	4	0	Ditto
Prince of Orange's Dollar	0	4	4	0	Ditto
Maximilian's Dollar	0	4	5	0	Ditto
Ferdinando's Dollar	0	4	3	0	Ditto
Dollar	0	2	3	0	Dantzick
Dollar	0	2	3	0	Sweden
Rix-Dollar of the Empire	0	4	3	3	Germany
Ducat	0	4	8	0	Hungary
Ditto	0	4	8	0	Poland

To be continued in my next.

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1739	War declared by *Great-Britain* againſt *Spain*, *Oct.* 23.	35
1739	*Porto Bello* taken and deſtroyed by Admiral VERNON, *November* 22.	35
1740	Fort *Chagre* taken and deſtroyed, *March* 24.	34
1740	A very ſevere Froſt from *Decemb.* 25, to *February* 27.	34
1742	A Comet appeared from *February* 18, to *March* 14.	32
1742	A Conjunction of ♄ and ☿ *Auguſt* 18.	32
1743	A ſplendid Comet appeared from *December* 23, to *February* 18, in ♈.	31
1744	*March* 4, *France* declared War againſt *England*, and *March* 31, *England* declared War againſt *France*	30
1745	*Cape Breton* taken from the *French*, *June* 16.	29
1746	The *Highland* Rebels defeated, *April* 16.	28
1748	A Peace concluded, *October* 7.	26
1751	The Prince of *Wales* died, *March* 21.	23
1752	The Date and Calendar altered	22
1760	K. *George* II. died, *Oct.* 25. and K. *George* III. began	14
1761	King *George* III. and Q. *Charlotte* crowned, *Sept.* 22.	13
1762	A great Snow for 18 Days together in *Feb.* and *Mar.*	12
1762	Prince of Wales born, *Auguſt* 12.	12
1763	A general Peace with *France* and *Spain*	11
1763	Prince Frederick born, *Auguſt* 16.	11
1765	Prince William Henry born, *Auguſt* 21.	9
1766	Princeſs Royal born, *Sept.* 29.	8
1767	Prince Edward born, *November* 2.	7
1768	Princeſs Sophia Auguſta born, *November* 2.	6
	Princeſs Elizabeth born, *May* 22.	4
	ince Erneſt Auguſtus, born *June* 5.	3

A ſelect

A select Alphabetical Table of Foreign Coins.

Names.	Value Sterling.				What Country.
	£.	s.	d.	f.	
Abasshee	0	1	4	0	Persia
Asar	0	6	8	0	Ditto
Aspar	0	0	0	3	Turkey
Besse	0	0	1	2	Persia
Capan	0	0	3	0	East India
Capeck	0	0	1	0	Moscovy
Cohan	1	10	0	0	Japan
Christiana	0	1	4	0	Swetlen
Copstake	0	1	0	0	Germany
Crusado	0	6	2	0	Ditto
Ditto	0	2	10	0	Portugal
A Crown	0	4	6	0	France
Ditto	0	5	3	0	Florence
Ditto	0	7	6	0	Rome
Ditto	1	2	0	0	Barcelona
Dina	1	10	0	0	Aleppo
Dollar	0	4	6	0	Italy
Lion Dollar	0	4	0	0	Aleppo
Cross Dollar	0	4	2	0	Holland
Specie Dollar	0	5	0	0	Ditto
Zeland Dollar	0	3	0	0	Ditto
Old Philip's Dollar	0	5	0	0	Holland
Leopold's Dollar	0	4	3	0	Ditto
Rudolphus's Dollar	0	4	4	0	Ditto
Prince of Orange's Dollar	0	4	4	0	Ditto
Maximilian's Dollar	0	4	5	0	Ditto
Ferdinando's Dollar	0	4	3	0	Ditto
Dollar	0	2	3	0	Dantzick
Dollar	0	2	3	0	Sweden
Rix-Dollar of the Empire	0	4	3	3	Germany
Ducat	0	4	8	0	Hungary
Ditto	0	4	8	0	Poland

To be continued in my next.

Of Weights and Measures.

Of *Troy* Weight.

24 Grains	Make	1 Penny wt.
20 Penny wt.	Make	1 Ounce
12 Ounces	Make	1 Pound *Troy*

Apothecaries Weight.

20 Grains	Make	1 Scruple.
3 Scruples	Make	1 Dram.
8 Drams	Make	1 Ounce.
12 Ounces	Make	1 Pound.

Of *Averdupoize* Weight, a Pound whereof is equal to 14 Ounces, 11 Penny Weights *Troy*; by which Weight is weighed any Thing which beareth the Name of Garbel. In this kind of Weight

16 Drams	Make	an Ounce.
16 Ounces	Make	a Pound
28 Pound	Make	1 Quarter.
4 Quarters	Make	1 Hd.cr 112.
20 Hundreds	Make	1 Tun.

Of Liquid Measure.

2 Pints	Make	1 Quart.
2 Quarts	Make	1 Pottle.
2 Pottles	Make	1 Gallon.
8 Gallons	Make	1 Firkin of Ale, Soap, Herrings.
9 Gallons	Make	1 Firkin of Beer.
10 Gal. half	Make	1 Firkin of Salmon or Eels.
2 Firkins	Make	1 Kilderkin.
2 Kilderkins	Make	1 Barrel.
44 Gallons	Make	1 Tierce of Wine.
63 Gallons	Make	1 Hogshead.
2 Hogsheads	Make	1 Pipe or But

Dry Measure.

2 Gallons	Make	1 Peck.
4 Pecks	Make	1 Bushel. Land Meas.
5 Pecks	Make	1 Bushel Water Meas.
8 Bushels	Make	1 Quarter.
4 Quarters	Make	1 Chalder.
5 Quarters	Make	1 Wey.

Long Measure.

3 Barley Corns	Make	1 Inch.
12 Inches	Make	1 Foot.
3 Feet	Make	1 Yard.
3 Feet 9 Inches	Make	1 Ell.
6 Feet	Make	1 Fathom.
5 Yards and half	Make	1 Pole.
40 Poles	Make	1 Furlong.
8 Furlongs	Make	1 Eng. mile

Land Measure.

1 Pole in Breadth, and 40 in Length, make a Rood of Land, 4 Roods make an Acre, which contain 160 square Pole.

Cloth Measure.

4 Nails	Make	1 Quarter.
4 Quarters	Make	1 Yard.
5 Quarters	Make	1 Ell
3 Quarters	Make	1 Ell *Flem.*

Of the four Quarters of the Year, and first of the SPRING.

THE Spring Quarter takes its Beginning this Year on *Sunday* the 20th *March*, at 53 Minutes after Noon, at which Time the Sun, entering the firſt Scrup'e of the Equinoctial Sign *Aries*, doth make equal Day and Night to all the World (except under the Poles). Now the Air obtains an equal Temperament, whence thé Pores of the Earth are relaxed, and a vivifying Fume evaporating, aſcendeth by the cold and chill Roots of Herbs and Plants, produceth their vegetable Life. The Nature of this Quarter is generally known to be hot and moiſt; which, if it ſhould prove otherwiſe, it bringeth ſudden ſtrange Diſeaſes, and noxious Diſtempers: Such Perſons as are naturally melancholy enjoy their Healths beſt this Quarter; the ſanguine the contrary. Youth and Childhood are inclinable to many Diſtempers, but the aged are vivacious and lively: Thoſe Diſeaſes that proceed from Exceſs and Putrefaction of Blood are moſt dangerous, but ſuch as have their Original from Melancholy are leſs hurtful. In *March* uſe ſuch Meats as purge and ſweeten the Blood. It is good to bathe, but not to purge or bleed much this Month. In *April*, if Need require, you may freely bleed or bathe; and to purge the Stomach is good: Drink moderately; for it is more dangerous now than at any other Time of the Year, and forbear ſalt Meats. In *May* you may gently purge the Body, or Blood upon Occaſion, or open a Vein; 'tis wholeſome alſo to drink clarified Whey; but forbear Wine, and all Meats that are of a hot Quality.

Of SUMMER.

The Summer Quarter begins this Year on *Tueſday*, *June* the 21ſt, at 10 Minutes paſt 11 in the Forenoon; the Sun at that Time entering the firſt Scruple of the Tropical Sign *Cancer*, makes the longeſt Day and ſhorteſt Night to all the Inhabitants on this Side of the Equator. The Conſtitution of this Quarter is naturally hot and dry, reſembling Choler and Manhood. The phlegmatic Conſtitution is beſt

in Health this Quarter, the cholerie the contrary; ancient People now revive, but young People, through the great abounding of Blood and Choler, are much expoſed to Fevers, eſpecially the Tertian; and thoſe Diſtempers which proceed from Blood and Choler, are more dangerous than thoſe that proceed from Blood and Phlegm. In the Month of *June* abſtain from ſuch Meats as ingender raw and moiſt Humours. A Cup of good White Wine doth now purge Choler and offenſive Humours from the Stomach, being taken faſting: Eat moderately, and ſuch Meats as are eaſily concocted. In *July* and *Auguſt* beware of bleeding and purging, and drink but little Wine, but to eat Sage with your Meats is very good. Refrain Venery, and all immoderate Exerciſe: Beware of taking Cold, and of eating ſuch Meats as do breed Melancholy. For the Weather I refer you to the Calendar.

Of AUTUMN,

Autumn this Year beginneth *September* the 22d Day, at 38 Minutes paſt Midnight, at which Time the Sun touching the firſt Scruple of the Equinoctial Sign *Libra*, doth again make equal Day and Night. The Nature of this Quarter is cold and dry, reſembling Melancholy. Youth is lively, but aged Perſons languiſh. Perſons of moiſt and phlegmatic Conſtitutions are beſt in Health, but Melancholy the contrary. In *September* it is good to purge, and to that End is highly commended *Caſſia* newly drawn; that gently purgeth and comforts Nature; and to uſe Cordial Powder in your Broths is good. In *October*, your Body waxing dry, and the Brain moiſt, it is therefore good to eat roaſted Meats, and to drink pleaſant new Wine, and to let Blood, and purge as Occaſion requires: But in *November* Melancholy increaſeth, and Blood decreaſeth. It is now good to vomit ſometimes, but bathing is not good. Eggs and Honey are held to be very good, and ſalt powdered Meats may now be eaten without Prejudice. And take heed this Quarter, as much as may be, of taking Cold.

And

And now again, toward the Southern Pole,
Phœbus doth in his Chariot ſwiftly roll.
Thus Years roll on, thus Time doth ſwiftly paſs,
Till Time ſhall be no more; but then, alas!
Eternity takes Place, and happy they,
That fitted are for everlaſting Joy.

Of WINTER.

Which takes Beginning this Year on *Wedneſday*, *December* the 21ſt, at 55 Minutes paſt Four in the Afternoon. The Sun entering the Firſt Scruple of the Tropical Sign *Capricorn*, hath his greateſt South Declination, thereby making our ſhorteſt Day and longeſt Night. This Quarter is naturally cold and moiſt. Youth and choleric Perſons are therefore beſt in Health, but aged and phlegmatic Conſtitutions are ſubject to many Diſtempers. In *December* Melancholy and Phlegm do much increaſe, which are heavy, dull, and cold; and therefore it behoves all Perſons, that value and prize their Healths, to keep their Heads and Bodies very well from cold, and to eat ſuch Meats as be of an hot Quality. To drink Wine is very good, and to uſe good Spices with your Meats; but neither bleed nor purge, unleſs there be great Neceſſity: The ſame obſerve in *January*; but in *Febr.ary* you may take Pills to purge the Head, bathe, or take Potions. Meats of a moiſt Nature are counted unwholeſome: But you may bleed now, if there is Occaſion, without Prejudice.

Each Day's a perfect Emblem of the Year;
The Morning ſhews the Spring, the Summer, Noon,
The Evening, Autumn, the Night hath Winter's Share,
And all return in conſtant Order ſoon.
Thus too, each flitting Day and rapid Year.
Infancy, Youth, Manhood, and dull old Age
Are the Four Quarters of our total Time,
Yet Thouſands never reach ſo long a Stage,
But are ſnatch'd hence, even in their blooming Prime.
Let's uſe each Day and Year as if our laſt,
And lay up ſome good Works before they're paſt,
Then need we not complain they fly ſo faſt.

Of

Of the Eclipſes *that will happen this Year*, 1774.

WITHIN the Compaſs of this Year, the greater Luminary, the Sun, will be twice eclipſed, and both them nearly central; the One of them before his Apogee, and the other after it, conſequently we cannot expect the Moon to be eclipſed at all until the following Year. This Account of the Eclipſes, with the Time of their happening, with ſome other Remarks following, are as they were tranſmitted to me by my Aſtronomical Friend Mr. *H. Andrews*, Teacher of the Mathematics at *Royſton*, in the County of *Hertford*; with whom Youth may be commendably boarded at very reaſonable Rates.

The firſt of theſe ſolar Eclipſes happeneth upon *Saturday*, *March* the 12th, near our Ten in the Forenoon, but it will be inviſible to us in *England*, if the Sun ſhine ever ſo clear, by Reaſon of the Moon's Parallax; though ſhe has North Latitude, yet it is ſo ſmall, that her Parallax will depreſs her too low for us *Europeans* to have a Sight of it; but in more Southern Situations it will be a very great Eclipſe; for in $\frac{1}{4}$ Deg. of South Latitude, and 30 $\frac{3}{4}$ Deg. Eaſt Longitude from *London*, the Sun will be central, and annular eclipſed on the Meridian; *viz.* at their Noon Day. The ſecond and laſt of theſe Eclipſes, which is alſo inviſible to theſe Parts of the Globe, happens on *Tueſday* the 6th of *September*, about our Two in the Morning; in Latitude of 9 Deg. North, and 150 $\frac{1}{2}$ Deg. Eaſt from *London*, the Sun will be annular and centrally eclipſed on the Meridian, at 58 Minutes paſt our One o'Clock in the Morning; and along the Track of central Appearance, which happens among the *Philippine* Iſlands in the *Pacific Ocean*, in *Aſia*, and Parts adjacent, inſtead of an aſtoniſhing gloomy Darkneſs, the Spectators will be entertained with a ſplendid Ring of Light, encompaſſing the Moon's dark Body on every Side. And ſo much for theſe Eclipſes.

Other Celeſtial Appearances in this Year, 1774.

HE (that is the above *H. Andrews* of *Royſton*) adds alſo, that the Nodes of the Moon are ſo poſited as to make her

in

in these Northern Latitudes obscure from its Beholders that notable Star, called *Aldeberan*, (it is a fiery red Star, near the Seven Stars) vulgarly the *Bull's South Eye*, at every Appulse to that Star. Of these Appulses Three will be visible to us, if the Air prove serene and favourable. The First of these Occultations happens on *Saturday* the 22d Day of *January*, at 17 Minutes past Four in the Evening; The Star will just touch the Eastern Limb of the Moon; and at 31 Minutes past Five will again appear on the contrary Side, having been hid One Hour 14 Minutes. The Second happens on *Thursday*, *April* the 14th, in the Evening; the Star touches the Moon at 10 Minutes past Six, and will again appear on the other Side at 18 Minutes past Seven, after having been hid One Hour and Eight Minutes. The Third happens on *Friday* the 18th of *November* in the Evening; the Star touches the Moon at 50 Minutes past Five, and will appear again on the other Side at 48 Minutes past Six, after having been hid 57 Minutes. On *Sunday*, *May* the 8th, there happens a famous Occultation, and very beautiful to behold, of the Planet *Mercury* by the Moon; this Conjunction is worth the Notice of the Curious; for though it is in the Day-Time, it may be discovered with a tolerable good Telescope, of no more than Four or Five Feet in Length, if the Air be clear; the Immersion will be 37 Minutes past Seven in the Morning, and the Emersion at 13 Minutes past Eight; so that *Mercury* will be covered by the Moon 35 Minutes; and this Planet being near his greatest Elongation from the Sun, makes it an Occultation worthy the Observation of the curious Astronomer.

ADVERTISEMENT.

AT *Royston* in *Herts*, Youth may be commendably boarded, and taught with the utmost Care and Expedition; *viz.* the *English* Language, Writing in all the most useful Hands, Arithmetic both Vulgar and Decimal, with its Application to Trade and Commerce, Book-keeping, *&c.* Mensuration of plain Superficies and Solids, Gauging in all the best Methods, Geometry, Trigonometry, both plain and spherical, Navi-

Navigation in Theory and Practice, Aſtronomy and Geography, the Uſe of the Globes, Maps, and Sea Charts, &c. by *H. Andrews.*

N. B. His Terms are from 10 *l.* to 14 *l. per Annum*, One Guinea Entrance. He furniſhes Gentlemen and others with Weather Glaſſes, as uſual.

" —Whoſe Voice hath ſhook the Earth: But now he hath " promiſed, ſaying, yet once more I ſhake not the Earth " only, but alſo Heaven." And this Word, Yet once more, ſignifieth the removing of thoſe Things that are ſhaken. *Hebrews*, xii Chap. 26, and 27 Verſes.

" —The Earth ſhall reel to and fro like a Drunkard, and " ſhall be removed as a Cottage, and the Tranſgreſſion " thereof ſhall be heavy upon it, and it ſhall fall and not " riſe again." *Iſaiah* xxiv. 20.

IT cannot but be ſufficiently known, how that in a few Months laſt paſt ſeveral Parts of the World have been ſenſible of Earthquakes in a very remarkable Manner. I ſhall mention a few Particulars: At *Liſbon*, *April* the 3d 1773, about Five in the Morning, were felt ſeveral Shocks of an Earthquake, which occaſioned ſuch a Conſternation in that Capital, that moſt of the Inhabitants left the Churches and Houſes, and fled into Fields, but happily no Damage enſued from thoſe Concuſſions.

At *Tangiers* in *Barbary*, on *April* the 12th, between Five and Six in the Morning, they were alarmed by a very violent Shock of an Earthquake, which laſted about Two Minutes, and has deſtroyed Ninety and Eight Houſes, and has ſhaken the Town ſo much, that the remaining Houſes muſt be rebuilt, though the Account is of only Three Lives loſt; but Numbers of the Inhabitants have been dragged from under the Ruins very much bruiſed: And the Day following another, about half an Hour after Eleven, but not ſo violent as the former.

And at *Gibraltar*, on the 21ſt of *April*, Two Shocks of an Earthquake there. And the Accounts from *Madrid* in *Spain* ſay

ſay, That on the 13th of the ſame they felt Two Shocks, which laſted One Minute, but happily did no Damage; the ſame Shocks were felt alſo at *Cadiz*, but they did not hear that the Sea was agitated by them.

And to come nearer Home, we hear from *Guernſey*, that on the 15th of the ſame Month a ſmart ſhock of an Earthquake was felt throughout that Iſland about One Minute, and there was another the next Day, and that the ſame Shocks were felt at the neighbouring Iſland of *Sark*; but the laſt more ſeverely.

And at the writing of this I have an Account, That on *Thurſday* the 27th of *May*, a remarkable Accident happened at a Place called the *Birches* in *Glouceſterſhire*, between *Colebrooke* and *Builder's Bridge*, where as much as Ten Acres of a high Bank, that lay by the *Severn*, ſlipt acroſs the River, and entirely ſtopt the Channel, and turned the Courſe of the River over a Meadow that lay on the other Side; where the River run, is now an High, with Twenty lofty Oaks ſtanding upon it; and where the Ground divided, a Chaſm is left Seven or Eight Yards wide, and Five or Six Yards deep. About Four Hundred Yards from the River Bank ſtood an Houſe where a Family dwelt; the Man about Three o'Clock heard a rumbling Noiſe, and felt the Ground ſhake under him, on which he called up his Family, they perceived the Ground begin to move, but knew not which way; however the People took to their Heels, and they got to an adjacent Wood; the Ground they had left, ſeparated from that on which they ſtand. The Houſe is ſtill ſtanding; but a Barn that was near it is thrown down.

It is not my Deſign to give you an Account here of the Species and the Diverſities of Earthquakes, as they are delivered to us by Philoſophers and Naturaliſts. Such as deſire to be ſatisfied herein, may read *Pliny*, *Poſſidonius*, *Seneca*, *Libertus Fromandus*, and others; for I being confined to Three Sheets of Paper, I do willingly omit them; nor can I enlarge upon their efficient, material, and formal Cauſes, referring you for Satisfaction herein to the aforeſaid *Fromandus*, Lib. 4. Cap. *ult. Meteor.* and others, who have learnedly treated of the ſame; I ſhall only touch at the final Cauſes of Earthquakes; for whatever light and mean Opinion

nion ſome People may have of them, they are taken Notice of in Scripture, as Signs and Forerunners of the laſt Day, as they uſually are of great Changes and Calamities. The Deſtruction of *Jeruſalem* was a Type of the Deſtruction of the World; and the Evangeliſt always mentions Earthquakes amongſt the ominous Prodigies that were to attend it, as the learned Author of the *Theory of the Earth*, in his 3d Book, Chap. viii. has judiciouſly writ.

The learned Mr. *Swan*, in his *Speculum Mundi*, Chap. vi. of the 3d Day's Work, writes thus, "That the Earth was "prepared and made a fit Habitation for Man to dwell on; "but as if Men were not always worthy to tread upon ſuch "a ſolid Foundation, we ſee it often ſhakes, and quakes, "and rocks and rends itſelf, as if it ſhewed, that He which "made it threatened by this trembling, the Impiety of the "World, and the Ruin of thoſe that dwell upon the Earth; "for though the efficient, material, and formal Cauſes of an "Earthquake be natural, yet the final is, the Significa"tion of an angry God, moved by the execrable Crimes of "a wicked People, according to that of the Royal Pſalmiſt. "Pſal. xviii. Verſe 7. 'The Earth trembled and quaked, "the very Foundations of the Hills alſo ſhook, and were "removed becauſe he was wroth.' Thus far my Author.

Fear chills our Hearts; what Heart can Fear diſſemble,
When Steeples ſtagger, and huge Mountains tremble?

I ſhall not here inſiſt upon the Conſequentia, or ſeveral Effects of Earthquakes, as I find them mentioned in the Writings of ſeveral learned Men; for the moſt Part they are of a ſtrange deſtructive Nature. 'Tis wonderful what *Plato* tells us in his *Timæus*, (which the learned *Fromandus*, in his before-quoted Book mentions, and ſeems inclined to believe) that the *Egyptian* Prieſts related to *Solon*, the *Athenian* Lawgiver, (who lived about Six Hundred Years before the Birth of our Bleſſed Saviour) That there was in old Time, without the Straits of *Gibraltar*, a vaſt Iſland, bigger than *Africa* and *Aſia* together, called *Atlantis*, which was by a violent Earthquake and mighty Flood, in One Night overwhelmed and drowned in the Sea. And in the 15th Year of our Bleſſed

Bleſſed Saviour *Jeſus Chriſt*, and the 5th Year of *Tiberius*, Emperor of *Rome*, Thirteen Cities of *Aſia* were deſtroyed in One Night by an Earthquake. And thoſe famous Cities of *Achaia*; viz. *Helice* and *Buris*, which *Ovid* in his 15th Book of his *Metamorphoſes* writes of, ſuffered the like Fate by an Earthquake. I could mention more of their dreadful Effects, but I paſs them by. *Hollinſhed*, in his *Chronicle of England*, tells us, that in the Year 1247, and the 31ſt Year of the Reign of King *Henry* the IIId. on St. *Valentine*'s Eve, (which is always on *February* the 13th) a great Earthquake happened here in *England*, and namely about *London*, on the *Thames* Side, with the which many Buildings were thrown down. And he ſaith, Theſe Earthquakes, the ſeldomer they chance in *England*, the more dreadful the ſame are, and thought to ſignify ſome great Alteration. Theſe are his very Words.—Indeed, Earthquakes have not heretofore been very frequent in *England*, nor the Northern parts of the World.

As unto the Portents and Signification of Earthquakes, *Cardan de reni. varietate*, cap. 27. tells us, *Terræ motus magni Bellum aut Peſtem nunciant, vel tyrannicam Oppreſſionem:* Great Earthquakes do preſage a War, or Peſtilence, or ſome tyrannical Oppreſſion. Indeed many learned Men of all Ages have generally and unanimouſly conſented, that *Terræ motus mali ominis habetur:* That an Earthquake is looked upon as an evil Preſage; and the more, the greater and more violent it is in Motion and Action; for *Finis Terræ motus, ſit Denunciatio iræ, et vindictæ divinæ.* The End of Earthquakes (ſaith a learned Author) is the Manifeſtation of Wrath, and the Divine Vengeance or Puniſhment; for whatever natural Caſes are by Philoſophers and Naturaliſts aſſigned to Earthquakes, it ſeems to me, that they are cauſed by Almighty God for the Terror of Mankind, and are very likely to be effected at his Command, by the Miniſtry of ſome good Angel, according to that of Biſhop *Hall*, in his Book of the *Inviſible World*. Sect. 4; who writes thus, "If "there fall out any preternatural Immutations in the Ele"ments, any ſtrange Concuſſations of the Earth, any dire"ful Prodigies in the Sky, whither ſhould they be imputed "but to the mighty Angels, whom it pleaſeth the moſt high

"God

"God to employ in these extraordinary Services?" Thus far the learned Bishop, and so much touching Earthquakes; of which (God willing) more in my next: And thus I conclude my Book; and my this Year's Observations, with this Piece of plain Rhyme:

In all our Actions let's care so to live,
That no Occasion of Offence we give
To any Man, with either Pen or Tongue,
In Name, or Fame, or Goods to do him Wrong;
For he's the greatest Murderer alive
That doth a Man of his good Name deprive,
With base calumnious Slanders and false Lies;
'Tis the worst Villainy of Villainies.

Verbum Sat.

FINIS.

AT *Goadby* near *Melton Mobray*, in *Leicestershire*, young Gentlemen and others may be commendably boarded with *Thomas Wright*, at reasonable Rates, and be taught by him with the utmost Care and Expedition, both the English, Latin, and Greek Grammars, with the Classicks; and with Assistants, the following Parts of the Mathematicks, *viz.* Algebra, Trigonometry, Astronomy, the Use of the Globes, and other Mathematical Instruments. Letters Post paid will be duly answered.

TRULY prepared and sold at *Pickworth* in the County of *Rutland* by Mrs. *Smith*, the Wife of Mr. *Thomas Smith*, and first Cousin to the late ingenious *Tycho Wing*, Gent. the Genuine, and as far as Art can prescribe, an infallible Medicine for all Sorts of Agues, whether Quotidian or other Day Ague, or Tertian, or Quartan, or any other.

N. B. This Medicine has been sold by the Family for many Years past, and has done Numbers of Cures when other Remedies have failed.

LANDS surveyed, divided, and enclosed, and Maps thereof fairly delineated, and Timber and Polewood surveyed, valued, and sold, by *Thomas Wright* and *Vincent Wing*, of *Pickworth* in the County of *Rutland*, Practitioner in the Mathematics.

clear back to Mother Eve, affirming Things univerſally falſe; ſhe writes her Name SOPHIA, which ſome think ſhould have been ZANTIPPE. I ſhall leave her as ſhe is; for ſuch Women will always have the laſt Word, be it ever ſo falſe or abſurd.

I Have not room to enlarge my Epiſtle, but come now to ſhew who anſwered my Enigmas laſt Year, which were no great Number. Some thought it the Bible; ſome a Creature; ſome a Tree. But the true Anſwer was Age, or old Age, anſwered by the Rev. Mr. Rolt, Rector of my Pariſh; and by Mr. Bradfield, of Barwick, Wilts; one Mr. Ingram, of White Pariſh, Wilts; and Mr. Angel, Chippenham; Mr. Vizar, of Eaſton-Gray, Wilts; and by Mr. Robert Taylor, Chelterfield; and Henry Gardner, of Peaſon-Hall, Suffolk.

Mr. Vizar's Anſwer to the Enigmas and Rebus.

AWake my Friend, and quit thy ſlothful Bed,
And ſhake off Slumber from thy drowſy Head
The Cock* will ſoon ſing Prologue to the Day, *Cock Enig.
Whoſe Mattins tell the Night's near gone away;
Then ſpeedily betake thyſelf to Pray'rs,
And leave to Heav'n the buſy World's Affairs;
Attentively God's ſacred Word peruſe,
Which teach thee Vice to ſhun, and Virtue chuſe,
And Honeſty* make thy peculiar Care, *Rebus.
And to that Point thy future Actions ſteer:
Then through this World thou wilt ſecurely guide
Thy feeble Bark amidſt adverſe Wind and Tide.

An Anſwer to the Rebus, by Mr. William Ingram.

HAtred from Heav'n with Luciſer it fell,
At Oxford, no doubt, ſome pious Men dwell;
In nothing great Promiſes often do end,
Eagles on Carcaſes often attend;
A Shroud is a Garment but once ever worn,
Trouble we find, as ſure as we are born:
Yeovil is a Town in Somerſetſhire;
I have made out your Rebus, it plain doth appear.
The Initials, when join'd, is a plain Explanation
Of Honeſty, a Thing near out of Faſhion,
But Knav'ry abounds in moſt Parts of the Nation.

An Answer from Mr. Charles Taylor, of Chesterfield, to one Enigma.

WELL, honest Season, thou deserv'st my Lays,
And may'st expect the Tributs of my Praise;
Touching Religion, which thou hast set forth
In moving Lines, I own to be of more Worth,
Than all the Wealth of Albion's fertile Isle,
For Vice will ne'er thy virtuous Heart beguile:
Like Peter, I trust, thou never wilt deny
Thy Lord and Saviour, when the Cock doth cry;
But wilt rise early, and thy Homage pay
To him that form'd us out of mould'ring Clay;
Which will at length greater Blessings bring
Than all the Riches of the greatest King.

His Daughter's Answer to the Rebus.

HONESTY, thou Emblem of all Truth,
To thee let all Mankind love in their Youth;
For thou to Virtue great Alliance bears,
And Vice will shame, when in full Careers.

Mr. Angel answers at the End to my Query.

The

The Author's Twenty-ninth Enigma.

READERS, if you my Origin would trace,
You'll find 'twas in a ſplendid happy Place;
And furthermore I unto you can ſhew,
Like Man and Beaſt, I took my Riſe from two.
In the Infancy of Time I took my Rout,
And a baſe Vagabond I dodg'd about;
In little Time my Power ſo increas'd,
That to a Monarch I became a Gueſt:
And ſtill about am roving ever ſince,
Viſit alike the Peaſant and the Prince.
Both Rich and Poor, the Old, and likewiſe Young,
All round our Globe I ſometimes wait upon:
A certain Set of Men is found, 'tis plain,
When I draw near, they won't me entertain.
A Romiſh King once fooliſhly did ſcuff,
And boaſt, that he had always kept me off;
But e'er he dy'd his Tale was found revers'd,
My Power and my Preſence both confeſs'd.
Pencil or Pen will hardly me deſcribe,
I am metamorphos'd and ſo varify'd;
Poets of old this Doctrine did impart,
That I'm the Eagle gnaw'd Prometheus' Heart, or Liver.
'Tis very rare, if ever I am ſeen,
Yet Foot-ſteps leave, to ſhew where I have been.
At great Aſſemblies ſeldom I appear,
At Balls or Plays, as ſeldom take a Share.
Unſeen I rove about ſtill Day by Day,
With good and wiſe Men I do longeſt ſtay.

I think it most Like
hear of anything Can
think of

A brief Chronology,

	Years.
SINCE this our World was by God created,	5324
Since by a Flood deſtroy'd, as 'tis related,	4166
Since Babel was by wicked Nimrod built,	3949
Since Troy deſtroy'd, where ſo much Blood was ſpilt;	2956
Since Solomon's Temple was erected,	2778
Since Alexander's Death it was effected,	2097
Since Seneca, by Nero, ſuffer'd Death,	1706
Since the Chriſtian Faith in England had its Birth;	1686
Since St. John dy'd, Ninety-two Years old,	1674
Since the Jews no more their City dar'd behold.	1639
Since Stonehenge Wonder ſeen near Saliſbury,	1320
Since Cambridge made an Univerſity.	1139
Since King Ethelſtan at Malmſbury was interr'd,	832
Since laſcivious Edgar to the Crown prefer'd.	815
Since murd'ring Macbeth by Macduff was ſlain;	727
Since Famine here and Peſtilence did reign.	581
Since the Thames dry, and Stars were ſeen at Noon.	541
Since a red Croſs obſerv'd before the Moon;	620
Since the Mariner's Compaſs Men did firſt invent,	
Since Gunpowder was found, by Satan ſent.	394
Since ſome in Coaches here began to ride;	
Since in a naſty Weed ſome take a Pride.	
Since with the Aid of Printing we were bleſs'd,	334
The Spaniſh Armada totally ſuppreſs'd.	185
Since famous Raleigh fell a Sacrifice	
To envious Men, and King, not otherwiſe:	
Since pious King Charles met with his cruel Fate	
By Sons of Belial, Devils incarnate.	125
Since Cromwell went off in a mighty Wind,	116

Since

	Years.
Since London did a ſad Diſtemper find.	129
Since on the Thames ſome did in Coaches ride,	90
Since Monmouth's Duke by cut-throat Papiſts try'd.	88
Since James the Second he was abdicated,	86
Since the French Fleet by Britain were defeated.	82
Since o'er this Kingdom found a dreadful Wind;	
Since Gibraltar to the Engliſh was reſign'd.	70
Since at St. Paul's Sacheverel preach'd ſevere	
A certain Truth, ſome could not bear to hear.	65
At Nine in the Morn the Sun from us was hid,	59
Since a Meteor large, ſwift thro' the Air ſlid.	56
Since famous Flamſtead, took away by Death;	55
Since Newton, greater fam'd, reſign'd his Breath.	48
Since Poet Duck was held in great Requeſt,	
His Memory's now eras'd, like the reſt.	43
Since 'Squire Nicholas did at Broomham die,	
Famouſly known for Hoſpitality.	35
Since a great Froſt, which we found ſevere,	34
Since a large Comet did to us appear.	32
Since Cape Breton from the French was won,	29
Since Rebels were defeated, made to run;	28
Since Lord Macclesfield our Style amended,	22
By righteous Daſhwood the Jew's Act ſuſpended.	20
Since died Beckford, a bold gracious Mayor,	
And Wilkes advanced to a Story higher.	3

A TABLE for the Moon's Southing for Seven Months, very neceſſary for all Farmers and People that travel by Water, and others too.

M D	Feb. h.	m	March. h.	m	April. h.	m	May. h.	m	June. h.	m.	July. h.	m.	Auguſt. h.	m.
1	2	38	2	5	3	45	4	39	6	7	6	18	7	13
2	3	40	2	58	4	44	5	36	6	57	7	2	8	3
3	3	42	3	50	5	40	6	30	7	40	7	48	8	48
4	5	44	4	40	6	40	7	26	8	26	8	34	9	34
5	6	47	5	42	7	34	8	18	9	10	9	20	10	21
6	7	44	6	38	8	24	8	58	9	50	10	6	11	10
7	8	43	7	34	9	18	9	44	10	40	10	52	noon.	
8	9	42	8	34	10	6	10	28	11	24	11	39	0	44
9	10	40	9	38	10	54	11	13	p.noon.		2	0	1	30
10	11	36	10	30	11	40	11	59	1	0	2	45	2	18
11	p.noon		11	20	p.noon.		p.noon		1	47	3	30	3	5
12	1	20	p.noon		1	12	1	32	2	34	4	18	3	50
13	2	9	0	52	1	58	2	20	3	22	5	6	4	41
14	2	58	1	38	2	45	3	6	4	8	5	54	5	34
15	3	42	2	36	3	32	3	54	4	52	6	44	6	28
16	4	27	3	19	4	20	4	40	5	38	7	38	7	25
17	5	12	3	38	5	8	5	19	6	24	8	36	8	25
18	5	58	4	44	5	55	6	15	7	15	9	36	9	24
19	6	48	5	30	6	44	7	2	7	56	10	37	10	25
20	7	31	6	20	7	32	7	48	8	0	11	38	11	24
21	8	20	7	8	8	20	8	37	9	50	morn.		morn.	
22	9	0	7	56	9	9	9	30	10	58	1	36	0	19
23	9	58	8	44	9	50	10	28	morn.		2	30	1	2
24	10	47	9	34	10	43	11	21	0	2	3	20	2	3
25	11	34	10	32	11	23	morn		1	2	4	9	2	50
26	morn.		11	14	morn		0	21	2	3	4	55	3	40
27	0	25	morn.		0	39	1	26	3	0	5	42	4	20
28	1	15	0	4	1	39	2	25	3	54	6	27	5	14
29			0	56	2	38	3	25	4	44			6	0
30			1	50	3	40	4	22	5	32			6	48
31			2	47			5	17					7	34

A TABLE of TERMS and their RETURNS.

Hilary Term begins January 23, and ends February 6.

Returns or Essoign Days.		E.	R	A
In eight Days of St. Hilary,	Jan. 20	21	22	24
From the Day of St. Hilary in 15 Days	27	28	29	31
On the Morrow of the Purificat. of B. V. Mary,	Feb. 3	4	5	7
In eight Days of the Purificat. of B. V. Mary,	9	10	11	12

Easter Term begins April 20, ends May 16.

From the Day of Easter in 15 Days,	April 17	18	19	20
From the Day of Easter in 3 Weeks	24	25	26	27
From the Day of Easter in 1 Month	May 1	2	3	4
From the Day of Easter in 5 Weeks,	8	9	10	11
On the Morrow of the Ascension,	13	14	15	16

Trinity Term begins June 3, ends June 22.

On the Morrow of the Holy Trinity,	May 30	31	1	3
In eight Days of the Holy Trinity,	5	6	7	8
From the Day of the Holy Trinity in 15 Days,	12	13	14	15
From the Day of the Holy Trinity in 3 Weeks,	19	20	21	22

Michaelmas Term begins Nov. 6, ends Nov. 19.

On the Morrow of All Souls,	Nov. 3	4	5	7
On the Morrow of St. Martin,	12	13	14	15
In eight Days of St. Martin,	18	19	20	21
From the Day of St. Martin, in 15 Days,	25	26	27	28

N. B. No Sitting in Westminster-Hall on Ascension-Day, Midsummer-Day, and the 2d of February.

The Exchequer opens eight Days before any Term begins, except Trinity, before which it opens but four Days.

Note, The first and last Days of any Term are the first and last Days of Appearance.

Why should Men always base Tradition use,
And Lawyers of Extortion still accuse,
When of this Kingdom, if we take a Plan,
We find vast Numbers extort all they can?
Bankers are guilty of some horrid Crimes;
Then Lawyers hurt us worse a thousand Times.
If Men Revenge would drop, and live in Peace,
Our Grievances of Lawyers soon would cease.

JANUARY hath xxxi Days.

	M D	♄ ♍	♃ ♈
Last Quarter the 5th day, at 5 h. 40 min. past noon.	1	26	2
New Moon the 12th day, at 8 h. 45 min. morn.	8	26	3
First Quarter the 19th day, at 3 h. past noon.	16	26	4
Full Moon the 27th day, at 6 h 42 m. past noon	24	26	4

This Month the six wise Men they came from far
To visit Christ, conducted by a Star.

M D	D	Remarkable Days, &c.	☉ ♑	☽ d.	☊ m	☽ rises h.	m	♂ ♑	♀ ♒	☿ ♐	Mut. Aspects and Weather.
1	S	Circumcision.	11	20	15	7	42	16	28	21	☽ Apogee.
2	B	2 S. aft. Christ.	12	21 ♍	58	8	48	17	29	D	Wind and
3	M	Rem. ♀ is E.	13	15	50	9	53	18	♓	22	winterly
4	T	vening star til	14	28	51	11	8	18	1	23	weather.
5	W	Mar. 28.	15	12 ♎	22	Morn.		19	2	23	
6	T	Epiphany.	16	26	10	0	24	20	3	24	Some falling
7	F	The great dog	17	10 ♏	14	1	40	21	4	26	near this
8	S	star sets past 5	18	24	40	2	58	22	5	26	time.
9	B	3 S. aft. Epiph.	19	9 ♐	27	4	13	23	6	28	
10	M	t night.	20	24	25	5	24	23	8	28	Some snow
11	T	Day break 50	21	9 ♑	26	6	30	24	9	29	or rain.
12	W	n. past 5.	23	24	15	☽ sets		25	10	30	
13	T		23	9 ♒	14	6 A	10	26	11	♂	☽ in Perig.
14	F		24	23	15	7	25	27	12	2	△ ♄ ♂ Cold
15	S		25	7 ♓	10	8	41	27	13	3	□ ♃ ☿ and
16	B	2 S. aft. Epiph.	2[illegible]	20	30	9	50	28	14	4	△ ☉ ♄ frost.
17	M		28	3 ♈	21	11	8	29	15	5	
18	T	Q. Charlotte's	29	15	56	Morn.		30	16	6	
19	W	Birth-day.	♒	28	8	0	0	♒	17	7	☌ ☉ ♂
20	T		2	10 ♉	20	1	8	1	18	8	Some rain or
21	F	St. Agnes.	3	22	4	2	12	2	19	9	snow.
22	S		4	3 ♊	54	3	15	3	20	11	✶ ☉ ♃
23	B	3 S. aft. Epiph.	5	15	40	5	6	4	21	12	✶ ♃ ♂
24	M		6	27	48	5	54	4	22	14	
25	T	Conv. S. Paul.	7	9 ♋	48	6	37	4	22	15	
26	W	Days increased	8	22	20	☽ rises		5	23	16	
27	T	to 8 h 34 m.	9	4 ♌	28	5	24	6	24	18	
28	F		10	17	4	6	40	7	25	19	☽ Apogee.
29	S		11	29	52	7	48	8	26	21	☌ ♄ ♀ Cold
30		Septuagesima.	12	12 ♍	58	8	50	9	27	22	K.C.I. Mar.
31	M			26	4			10	27	23	rain or snow

With Age depreſs'd the Muſe now drops her Wings,
As heretofore no graceful Theme can ſing;
But, grov'ling low, has not the leaſt of Hope
E'er to aſcend again Parnaſſus' Top;
Yet I'll exert and try my Voice to raiſe,
To ſing God's Wonders, and diſplay his Praiſe.

D	☉ rifes h. m.	☉ ſets h. m.
1	8 5	3 55
2		
3		
4		
5		
6		
7	8 1	3 59
8		
9		
10		
11		
12		
13		
14	7 55	4 5
15		
16		
17		
18		
19		
20		
21		
22		
23		
24	7 48	4 20
25		
26		
27		
28		
29		
30		
31		

OBSERVATIONS.

Friendly Readers,

BY the Divine Goodneſs and his moſt gracious Favour, I have been enabled to continue writing another Speculum for the enſuing Year 1774, to oblige ſome great Friends and former Dealers Expectations; and I hope may pleaſe and gain Admittance to their Favour, as much as my former Writings hath done, as 'tis evident by their great Sale. If it be not ſo entertaining as formerly, I aim it ſhall be as edifying and as uſeful, and to contain ſome Things we ought to remember to obſerve. Reader, before I proceed in any new Obſervation, I ſhall take up a Page or two in recapitulating to you a Sketch on ſome Particulars I wrote formerly, which I found were much approved of, tho' but little followed. In the Year 1743, I exhibited ſomething on the Non-naturals, that is, Rules to be obſerved in Eating, or about the Air, Eating and Drinking, Evacuations, Exerciſe, Sleep, and Watching, regulating our Paſſions; each of them belonging to our Nature, if rightly uſed, contribute much to the Preſervation of our Health and long Life, and no Man that has a due Eſtimate for theſe great Bleſſings that will carleſsly omit the obſerving them, as 'tis ſo indiſpenſibly neceſſary. But 'tis plainly to be obſerved, generally this Doctrine is quite forgotten, or takes no Root in the Minds of but very few now a-days in this degenerate Age, where Reaſon is uſurped out of her Seat by faſhionable Pleaſures, by Pride, Luxury, Ambition, and private Intereſt; that Rules for Health, or how to rectify Paſſions and all ill Habits, are entirely aboliſhed.

Again,

FEBRUARY hath xxviii Days.

M D	♄ ♒	♃ ♈
1	25	6
8	25	8
16	25	10
24	24	11

Laſt Quarter the 4th day, at 3 in the morn.
New Moon the 10th day, at 8 h. 35 min. night.
Firſt Quarter the 18th day, at 11 h. 50 min. in foren.
Full Moon the 26th day, at 10 h. 36 m. morn.

St. Matthias this Month was ſton'd to Death,
Good Valentine for his Faith reſign'd his Breath.

M D	W D	Remarkable Days, &c.	☉ ♒	☽ place h. m	☽ rules. h. m	♂ ♒	♀ ♓	☿ ♑	Mut. Aſpects and Weather.
1	F	Candlemas.	13	9 ♎ 24	10 12	11	28	25	△ ♄ ☿ Dry
2	W	Author's Birth	14	22 54	11 24	11	29	26	Biſhop Blaze.
3	Γ	Day.	15	6 ♏ 45	Morn.	12	♈	28	now rain or
4	F		16	20 46	0 40	13	0	♒	ſnow at new
5	S		17	5 ♐ 0	1 51	14	1	1	✱ ☿ ☿
6	B	Sexagel. Sund.	18	19 27	3 3	14	2	2	moon.
7	M		19	3 ♑ 54	4 10	15	2	3	Dry but cold.
8	Γ	Days 9 hours	20	18 27	5 7	16	3	5	
9	W	44 min.	21	2 ♒ 54	5 58	17	3	6	
10	Γ		22	17 12	☽ ſets.	17	4	8	
11	F		23	1 ♓ 10	6 A 7	18	5	10	☽ Perig.
12	S		24	14 56	7 19	19	5	12	
13	B	Shrove Sund.	25	28 11	8 30	20	6	14	Cloudy if not
14	M	Valentine.	26	11 ♈ 6	9 42	20	6	16	ſnow.
15	Γ	Shrove Tueſd.	27	23 44	10 47	21	7	18	
16	W	Aſh Wedneſd.	28	6 ♉ 1	11 53	22	7	20	
17	Γ	The Sun due	29	18 5	Morn	23	8	22	♂ ♂ ☿ Air
18	F	eaſt at 5 h. 44 m.	30	0 ♊ 4	0 56	24	8	26	cold and
19	S	Day break at	♓	11 52	1 52	25	8	27	ſharp.
20	B	1 S. in Lent	2	23 48	2 50	26	9	29	
21	M	5 h. 44 m.	3	5 ♋ 45	3 44	26	9	♓	
22	T	Watches too	4	18 0	4 28	27	9	2	Emb. Week.
23	W	faſt 14 m.	5	0 ♌ 15	5 8	28	10	4	
24	Γ	St. Matthias.	6	12 49	5 52	28	10	6	☽ Apog.
25	F		7	25 40	6 14	29	10	8	Rain or ſnow
26	S		8	8 ♍ 47	☽ riſes	30	10	10	♂ ☉ ☿
27	B	2 S. in Lent.	9	22 10	6 A 44	♓	11	12	
28	M		10	5 ♎ 50	8 4	2	11		

God's wond'rous Works none fuller can deſcry,
Than he that's well verſed in Aſtronomy;
That can the Order of the Heavens trace,
Marks the Erraticks in their annual Race:
In ev'ry Star he there a God may find,
Can be no Atheiſt, unleſs wilful blind.

M D	☉ riſe. h.	m	☉ ſets. h.	m
1				
2				
3				
4				
5				
6	7	7	4	53
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18	6	55	5	5
19				
20				
21				
22				
23				
24	6	14	5	46
25				
26				
27				
28				

OBSERVATIONS.

Again, in the Year 1752, I ſtrenuouſly exclaimed againſt the Folly and Sin of Luxury, and immoderate Drinking, and ſhewn how much Bacchus and Voluptia are adored and careſſed; I alſo cited an Obſervation of my Lord Verulam, That ſcarce one of a Thouſand died a natural Death. Dr. Cheney's Opinion is near the ſame; and if found ſo in my Lord Bacon's Time, what can we find leſs now? I myſelf have known in ſeven or eight or nine Years Time, three or four out of one Houſe have been their own Atropos's, viz. put an End to their Lives. How ſeldom is it found that any of theſe Sardanapalus's are found with grey Hairs. 'Tis ſad and ſurpriſing tho' common to be taken notice of, to what an extravagant Height Luxury is arrived, and what Coſt ſome are at to ruin a good Conſtitution; and in what Eſteem a Man is in that can invent any Thing that will gratify the Senſe of Taſting, or pleaſe the Palate; witneſs our Fondneſs for French Cooks, which are all found Penſioners for *Mors*; and, as Seneca obſerved, the more Cooks the more Phyſicians employed. In 1767 I took notice on Tobacco-ſmoaking, and ſhewed to whom, and how far it might be uſeful to ſome People, who took it moderately; but at preſent ſcarce one in Five thouſand ever concerns himſelf whether Smoaking conduces to his Health or not; and was he told 'twas prejudicial to him, 'tis ten to one if he would ſmoak one Pipe leſs for being told ſo. Doubtleſs Providence appointed it for ſome phyſical Purpoſe or other, not to be ſmoaked merely for Pleaſure or Diverſion, or for an habitual Amuſement; whether I treat of its Uſe or Abuſe, Men will not leave it off as long as they can draw the Smoke; tho' all the Reaſon they can give for it, is only Example and Cuſtom.

Another

MARCH hath xxxi Days.

M	♄	♃
D	♑	♈
1	24	12
8	23	14
16	22	16
24	22	17

Last Quarter the 5th day, at 10 h. 30 min. morn.
New Moon the 12th day, at 9 h. 55 min. morn.
First Quarter the 20th day, at 8 h. 10 min. morn.
Full Moon the 27th day, at 4 h. 30 min. at night

The King of Days, the Parent of the Spring,
A Renovation now gives every Thing.

| W D | W D | Remarkable Days, &c. | ☉ ♓ d. | ☽ ♓ ♉ ♊ ♋ ♌ ♍ ♎ ♏ ♐ ♑ ♒ ♓ ♈

Behold the Sun, his Bulk how vaſtly great,
How ſwift his Light, and how extreme his Heat;
His Influences, who is there can account,
Of the Creation, is Lord Paramount?
His friendly Beams doth every Being bleſs,
Parent of Spring, Soul of the Univerſe.

M D	☉ rises h. m	☉ ſets h. m
1		
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31		

OBSERVATIONS.

Another Foible ſeems to uſurp on Tobacco-ſmoaking, that is Snuff-taking, which none can term it laudable. I have wrote ſo much in Proſe and Verſe formerly to ſuppreſs it, and put it out of Favour, that I ſhall be very conciſe about it here, as 'tis impoſſible ever to baniſh it; I may as ſoon prevail on People to faſt three Days in a Week, as to quit their proſtituting their Noſes with an unnatural Box of Naſtineſs. The Noſe was never formed to be feaſted with noxious Smells, but the contrary; to ſmell odoriferous Things, which might afford Comfort to the Brain and animal Spirits, which many of our Herbs and Flowers are found to do. In the Year 1770, I juſt touched on another abſurd Cuſtom, if not a Vice 'tis tending to one; our modern Practice of eating four Times a Day, introduced by Tea-drinking; but I ſhall not inculcate any Thing on it more, only conclude that Snuff-taking and this will drop or die together. Many other Enormities I have obſerved to you, but to as little Purpoſe as it would be to make an Oration to a Statue. But what I chiefly inveighed againſt laſt Year, and at Times before, was Sabbath-breaking and Falſe-ſwearing, two Vices that have calmly taken poſſeſſion in this Kingdom.

With

MAY hath xxxi Days.

M	♄	♃
☽	♍	♈
1	20	26
8	20	28
16	19	29
24	☽	♉

Last Quarter the 2d day at 12 at night
New Moon the 10th day 3 h. 12 m. past noon.
First Quarter the 18th day 7 at night.
Full Moon the 24th day 5 h. 28 m. past noon.

Had I fam'd Homer's Skill, I'd gladly ſing
The charming Objects lovely May doth bring.

M D	W D	Remarkable Days &c.	☉ ♉ d.	☽ ♄ m.	☽ rises h.	m.	♂ ♈	♀ ♈	☿ ♈	Mut. Aſpect and Weather.
1	B	4 S. aft. Eaſt.	11	21 37	Morn.		20	1	17	St.Phil.&Jac.
2	M	Days increaſed	12	5 ♒ 37	1	6	21	2	18	Fine weather.
3	T	31 h. 20 min.	13	19 26	1	38	21	2	18	
4	W		14	2 ♓ 48	2	11	22	3	19	
5	T		15	15 55	2	38	23	4	20	
6	F		16	28 46	3	4	23	4	21	
7	S		17	11 ♈ 21	3	28	24	5	22	
8	B	5 S. aft. Eaſt.	18	23 50	3	50	25	6	23	Rogat. Sund.
9	M	Jews feaſt of	19	5 ♉ 7	4	14	25	6	24	
10	T	Paſſover.	20	18 17	☽ ſets		26	7	24	△ ☉ ♄
11	W		21	0 ♊ 24	8	30	27	7	25	
12	T	Holy Thurſd.	22	12 17	9	26	28	8	26	☌ ☉ ♂
13	F		23	24 11	10	20	28	9	28	☌ ♃ ♂
14	S		24	6 ♋ 2	11	5	29	10	30	♂ ♂ ☿
15	B	6 S. aft Eaſt.	25	17 24	11	42	♉	10	♉	Thunder and
16	M		26	29 50	Morn.		1	11	3	ſhowers, rain
17	T		26	11 ♌ 53	0	21	2	12	5	or hail.
18	W	Q.Charlot. b.	27	24 8	1	7	3	13	7	Some
19	T	1744.	28	6 ♍ 43	1	42	4	14	9	ſhowers.
20	F		29	19 38	2	16	4	15	10	Rain again.
21	S		♊	3 ♎ 1	2	47	5	16	12	
22	B	Whitſunday.	1	16 58	3	18	6	17	14	△ ♄ ☿ cool
23	M	Whit-Mond.	2	1 ♏ 10	3	39	7	18	16	Prs. Eliz. b.
24	T	Whit Tueſd.	3	15 56	4	4	7	18	18	wind.
25	W	No night now	4	1 ♐ 5	☽ riſes		8	19	19	Pretty fine
26	T	Brave Earl of	5	16 18	9	0	9	20	20	Air.
27	F	Staff. behead.	6	1 ♑ 32	10	5	10	20	20	
28	S		7	16 34	11	0	10	21	21	
29	B	Trinity Sund.	8	1 ♒ 17	11	41	11	22	22	
30	M		9	15 34	Morn.		12	23	24	
31	T		10	29 24	0	15	12	24	25	

The ſplendid Moon next to our Earth doth run,
T'afford us Light in Abſence of the Sun:
O glorious Lamp, ſhe is held forth at Night,
To befriend the Traveller, direct him right:
She's always various, waining or increaſe,
But ſtill ſhe reigns as Sov'reign of the Seas

M D	☉ riſe h. m.	☉ ſet h. m.	OBSERVATIONS.
1			we may be ſure beholds it with the greateſt Pleaſure,
2			and ſometimes has had a Repreſentative there to act
3			for him. O monſtrous! Oh ſhocking!
4			*Where Half a Hundred Pounds ſpent at a Night,*
5			*But to the Poor ſeldom beſtow a Doit.*
6			
7			Felix, tho' a Pagan, trembled to hear St. Paul ſpeak
8			of Temperance, and Judgment to come; but theſe
9			Maſqueraders ſcarce ever entertain any Thought of a
10			future State, or a Judgment to follow all Men. Un-
11			der this Topic of Vice I might juſtly obſerve, how
12			much a great Part of our Plays do undermine and
13			leſſen our Religion, and open a Door to ſeveral fa-
14			ſhionable Vices, and entice many to wrong Notions of
15			ſincere Virtue; ſuch Perſons in whom Religion was
16			but ſlenderly rooted, (eſpecially the younger Sort) who
17			are naturally prompt to unlawful Pleaſures, which
18			ought to be timely ſuppreſſed, rather than excited.
19			Julius Cæſar would have no Theatres built, well
20			knowing Plays would weaken Roman Prowes and
21			Bravery, and cauſe them to grow effeminate. And
22			Queen Anne laid Players under a great Reſtriction.
23			And in ſeveral European Countries they won't allow
24			Stage-Players in any Form whatever, as they often
25			introduce Foreign Folly and Vices. But in our Land
26			lately 'tis obſervable, that Maſters of Play-Houſes and
27			Men well ſkilled in Muſick, are ſtrangely careſſed and
28			honoured; as much, if not more, than ſome Biſhops.
29			This may inform us what Kind of Taſte ſome of our
30			Great ones are of, in this Age. There may be ſome
31			what diverting in them Plays, of what may be termed

witty; it may repreſent to Man his Folly and Vices, and cauſe evil Habits to appear ridiculous. Some few Plays may be allowed or tolerated to Men of a ſteady Virtue; but how rare, if ever any one is made a Pro-

JUNE hath xxx Days.

M	♄	♃
D	♍	♉
1	20	4
8	20	5
16	21	6
24	21	8

Last Quarter the 1st day, at 8 h. 15 min. morn.
New Moon the 9th day, at 6 h. 16 min. morn.
First Quarter the 17th day, at 7 h. 18 min. morn.
Full Moon the 23d day, at midnight.
Last Quarter the 30th day, at 9 at night.

The Sun doth now extend his utmoſt Heat,
And in ſome Climes doth neither riſe nor ſet.

M D	W D	Remarkable Days, &c.	☉ ♊ d.	☽ ☌ m.	☽ riſes h.	m.	♂ ♉	♀ ♈	☿ ♉	Mut. Aſpects and Weather.
1	W		11	12 40	0	45	13	25	26	Weather hot
2	T		12	26 0	1	10	14	26	28	dry, moſtly.
3	F		13	8♈31	1	58	14	27	♊	
4	S	K. Geo. III. b.	14	21 0	2	20	15	28	3	
5	B	1 S. aft. Trin.	15	3♉13	2	45	16	29	5	
6	M		16	15 28	3	15	17	♉	7	Some rain I
7	T		17	27 21	3	46	17	1	9	expect in a
8	W	Sun full E. at	18	9♊16	☽	ſets.	18	2	11	day or twain.
9	T	8 morn.	19	21 9	8	55	19	3	13	
10	F	Prs. Amel. b.	19	3♋1	9	40	19	4	15	△ ♄ ♂
11	S	St. Barnabas.	20	14 53	10	17	20	5	17	♂ ♃ ♀
12	B	2 S. aft. Trin.	21	28 47	10	48	21	6	19	□ ☉ ♄
13	M		22	8♌47	11	17	21	7	21	♂ ☉ ☿
14	T		23	20 51	11	42	22	8	24	weather fair.
15	W		24	3♍9	Morn.		23	9	26	☽ Apog.
16	T	Clocks and Sun	25	15 41	0	12	23	10	28	
17	F	equal.	26	28 31	0	28	24	11	♋	
18	S		27	11♎50	0	54	24	12	2	
19	B	3 S. aft. Trin.	28	25 34	1	21	25	13	4	
20	M	W. Lilly died.	29	9♍45	1	54	26	14	6	
21	T	Long. day	♋	24 41	2	31	26	15	8	Some moiſt
22	W	Day 16h. 34m	1	9♐30	3	10	27	16	10	air.
23	T		2	24 47	☽	riſes	28	17	12	
24	F	St. John Bapt.	3	10♑5	9	29	29	18	14	
25	S		4	25 17	10	9	♊	20	16	
26	B	4 S. aft. Trin.	5	10♒6	10	49	1	21	18	△ ♄ ♀ wea-
27	M		6	24 37	11	12	2	22	20	✶ ♄ ☿ ther
28	T		7	3♓30	11	35	2	23	22	hot and dry.
29	W	St. Pet. St. Paul	8	22 6	11	44	3	24	24	
30	T		9	5♈9	Morn.		3	25	25	☽ Perig.

Learned, or not, what Man of common Senſe,
That can deny the Moon an Influence?
On Earth and Sea, on Air, the Moon's Effects we find
On Herbs, on Fiſh, on Beaſts, and all Mankind:
What Changes on ſick Perſons ſhe creates,
Read Galen, and what Dr. Mead relates.

M D	☉ rite h. m.	☉ ſets h. m.	OBSERVATIONS.
1			ſelyte by going to Play-Houſes, unleſs 'tis a Proſelyte
2			to Vanity and Sin. Moſt Plays now-a-days enervate
3			all true Religion, and incline many to forget their
4			Baptiſmal Vow, and cauſe many to enlarge and grow
5			in a firmer League with their Paſſions and Luſts, and
6			ſeveral faſhionable Vices; which enfeeble Reaſon, and
7			cauſe Religion to loſe its Power, and rooting out our
8			Thoughts of a future State, and of Eternity. Moſt
9			Men that think ſerious affirm, moſt Plays plant more
10			Evil, than Churches do eſtabliſh in Goodneſs. But
11			theſe and many ſuch Evils I have hinted at, are ſo ha-
12			bitually fixed, that could a Man live to Neſtor's Age,
13			and had all Cicero's and Demoſthenes's Eloquence, he
14			could not perſuade a great Part of Mankind to leave
15			a vicious Habit; no Laws of this World, nor Terrors
16			of that to come, will put an End to ſinful Cuſtom.
17			*'Tis ſad to find how ſome in Vice are fix'd,*
18			*Who count this World their Home, ne'er mind the next.*
19			I don't doubt but my above Sentiments will be looked
20			upon as too rigid by ſome, ſuch as are infatuated or
21			over fond of Plays, by ſuch I may perhaps be counted
22			an Enemy for ſpeaking the Truth, in dehorting them
23			from ſinful Practices; but Men endowed with Reaſon
24			and Virtue will approve it, as 'tis a Subject of an im-
25			portant Concern. Before I quite end my taxing ſome
26			with Vice and Folly, I ſhall take notice of one Piece
27			of Madneſs greatly advanced of late; and that is, the
28			extravagant Cuſtom of Gaming, as we weekly hear of,
29			at which we have been informed 20,000 l. has been
30			loſt in a Night (or an Hour ſometimes,) and a Lord-
			ſhip has found the ſame Fate; what may one con-
			clude of ſuch Mens abſurd Actions, do they not ex-
			ceed ſome Men in Bedlam for Madneſs; but 'tis we
			find become a faſhionable Folly, and ſtrangely in vogue

JULY hath xxxi Days.

	M D	♄ ♍	♃ ♉
New Moon the 8th day, at 9 h. 15 min. night.	1	21	10
First Quarter the 16th day, at 4h. 13 min. afternoon.	8	21	11
Full Moon the 23 day, at 6 h. 40 min. morn.	16	22	12
Last Quarter the 30th day, 1 h. 12 min. morning.	24	22	13

This Month the 5th, by me shall be observ'd,
Then Providence from Death did me preserve.

D	W D	Remarkable Days, &c.	☉ ♋	☽ d.	☽ m.	☽ rise h.	☽ rise m.	♂	♀ ♌	☿	Mut. Aspects and Weather.
1	F		9	17	58	0	3	5	26	27	
2	S		10	0 ♉	28	0	22	5	27	29	Perhaps a
3	B	5 S. aft. Trin.	11	12	29	0	54	6	28	♌	little rain.
4	M		12	24	26	1	18	6	29	2	
5	T		13	8 ♎	20	1	44	7	1	4	
6	W		14	18	10	2	14	8	1	5	
7	T		15	0 ♏	10	2	55	9	2	7	
8	F	T. Beck. killed	16	12	1	☽ sets		9	3	8	* ♂ ♀
9	S	in Church.	17	23	56	8	55	10	5	10	□ ♃ ☿
10	B	6 S. aft. Trin.	18	5 ♌	56	8	50	11	6	12	Fine weather
11	M	Day dec. 23 m.	19	18	2	9	14	12	7	13	mostly.
12	T		20	0 ♍	15	9	43	12	8	15	
13	W		21	12	40	10	6	13	9	16	* ☉ ♄
14	T		22	25	18	10	30	14	10	17	
15	F	St. Swithin.	23	8 ♎	14	10	55	15	11	18	
16	S		24	21	29	11	22	16	13	20	
17	B	7 S. aft. Trin.	25	5 ♏	7	11	47	17	14	21	
18	M		26	19	10	Morn		17	15	22	
19		Gen. Monk	27	3 ♐	37	0	27	18	16	23	
20	W	St. Margaret.	28	18	25	1	8	19	17	24	
21	T	rout at Deviz.	29	3 ♑	28	1	59	19	18	25	☌ ♂ ♀ some
22	F	Q. Denm. bo.	30	18	26	2	58	20	20	27	showers near
23	S		♌	3 ♒	40	☽ rises		20	21	27	now about.
24	B	8 S. aft. Trin.	1	18	31	8	35	21	22	28	
25	M	St. James.	2	3 ♓	2	9	4	22	23	28	□ ♄ ♀
26		St Ann, Moth.	3	17	4	9	38	23	24	29	
27		of B V. Mary.	4	0 ♈	39	9	56	23	25	30	□ ♄ ♂
28	T	Twilight again	5	18	44	10	25	24	26	♍	Some hasty
29	F	3 or 4 nights.	6	26	35	10	48	25	27	1	showers.
30	S	Dog-days beg	7	9 ♉	1	11	30	25	29	2	
31	B	9 S. aft. Trin.	8	21	12	11	38	26	30	3	

Next Saturn view with artificial Eye,
And his five Moons, who ſwiftly round him fly;
From thence the Learned have imagined
That Planet, like our Earth's inhabited:
But this is ſuch an obſcure Myſtery,
Our finite Knowledge cannot clear deſcry.

M D	☉ riſe h.	m.	☉ ſets h.	m
1	3	50	8	10
2				
3				
4				
5				
6				
7				
8				
9	3	56	8	4
10				
11				
12				
13				
14				
15				
16				
17				
18	4	0	8	0
19				
20				
21				
22				
23				
24				
25	4	8	7	52
26				
27				
28				
29				
30				
31	4	18	7	42

OBSERVATIONS.

now-a-days, among many of the great ones. Aurelius, Emperor of Rome, made a Law, that if any one was found playing at Cards or Dice, he ſhould be deemed frantick, or a Fool; Gaming is no ſuch trifling Matter as ſome may take it to be; it is found to be a high Road to ſeveral Vices, and often to one a very fatal one, which we too commonly hear when a Perſon has loſt ſome vaſt Sums of Money at Gaming, his Anguiſh of Mind prompts him to be guilty of *Felo de ſe*, which might never have happened had he avoided Gaming. The Subject I am upon would afford Matter for a Treatiſe, to handle it as the Subject deſerves; but it would be to no Purpoſe, as Men are found to be ſo wedded to their Sin and Folly that nothing will divorce them from't: So I ſhall conclude this Theme with a Diſtich of my Lord Rochester's, with a ſmall Variation:

Gaming accurſed by inevitable Fate,
Deſtroys Soul, Body, Credit, and Eſtate.

Or leads towards it. In the next Place I ſhall give my Readers, for a Novelty, ſome Relation touching our Kingdom, and many Particulars appertaining thereto, of the numerous eminent Bleſſings we enjoy, which few rightly underſtand the Value of them, or do form any juſt Ideas about them. Firſt, be it known, that this our Iſland by learned Men and Travellers has been termed the Garden of Europe, and the Granary of the Weſtern World, and without any ſtraining the Truth it may be allowed to be ſo.

Search all the Earth's Extent, far, round, or wide,
No Place like little Albion's Iſle beſide.

AUGUST hath xxxi Days.

	☽	♄ ♍	♃ ♓
New Moon the 7th day, at noon.	1	23	14
First Quarter the 14th day, at 11 h. 30 m. at night.	8	24	15
Full Moon the 27th day, at 2 h. 56 m. past noon.	16	25	15
Last Quarter the 27th day, at 7 at night.	24	26	16

Farmers, when Crops are ripe, or Kicks your shine,
Mind whence it comes, and give to God the Praise

M D	W D	Remarkable Days, &c.	☉ ♌	☽ d.	☽ m	☽ rises h.	☽ rises m.	♂	♀ ♎	☿ ♍	Mot. Aspects and Weather.
1	M	Lammas-Day	9	3	13	Morn.		26	1	3	Perhaps a
2	T		10	15	7	0	11	27	2	3	little rain,
3	W	Jesus preached	11	26	58	0	50	27	3	4	not hold.
4	T	in Galilee.	12	8♎	57	1	32	28	4	3	
5	F		13	20	46	2	22	29	5	☌	□ ☉ ♃
6	S	7 Stars south.	14	2♏	48	3	27	29	7	3	Rain if not
7	B	10 S. aft. Trin.	15	14	57	☽ sets		♎	8	3	thunder now
8	M		16	27	15	7	48	1	9	2	about.
9	T	7 Stars rise at	17	9♐	43	8	20	2	10	2	☽ Apog.
10	W	10 at night.	18	22	24	8	40	3	11	2	
11	T	Pr. Brunf. bo.	19	5♑	15	9	2	3	12	2	
12	F	Pr. Wales bo.	20	18	21	9	27	4	14	1	Weather
13	S		21	1♐	44	9	56	5	15	1	fine.
14	B	11 S. aft. Trin.	22	15	24	10	29	6	16	☌	* ♃ ♀
15	M		23	29	22	11	8	6	17	☌	
16	T	Pr. Fred. bo.	24	13♑	36	11	53	7	18	☌	
17	W		25	28	5	Morn.		8	19	☌	
18	T		25	12♒	45	0	48	8	20	☌	
19	F	K. Cha. set up	26	27	30	1	56	9	21	☌	6 ☉ ☿ Dry
20	S	his standard at	27	12♓	13	3	9	9	23	☌	wind.
21	B	12 S. aft. Trin.	28	26	47	☽ rises		10	24	☌	Pr. W. H. bo.
22	M	Nottingham.	29	11♈	6	7	30	10	25	☌	* ♃ ♀
23	T		♍	25	5	7	55	11	27	☌	☽ Perig.
24	W	St. Bartholom.	1	8♉	40	8	20	11	28	☌	
25	T		2	21	51	8	48	12	29	☌	
26	F	Twilight end	3	4♊	41	9	12	12	♎	☌	
27	S	9 and 10 min.	4	17	10	9	42	13	3	☌	
28	B	13 S. aft. Trin.	5	29	23	10	12	13	4	☌	
29	M	Watches near	6	11♋	25	10	44	14	5	☌	Dec. Jn. Bap.
30	T	equal with	7	23	20	11	30	14	6	☌	Fine air.
31	W	the Sun.	8	5♌	12	Morn.		15	7	☌	* ♃ ♂

Behold, great Jove, a bright Imperial Star,
And his four Moons, which we behold from far;
By Tubes of Glaſs, theſe Moons we came to view
Five Thouſand Years and more no Man them knew.
Touching this Star, if we take *Newton's Word, *Sir Iſaac Newton.
No further Help theſe Glaſſes can afford.

M.	☉ riſes h. m	☉ ſets h. m	OBSERVATIONS.
1			Whatever other Nations may excel us in ſome Particulars, Things neceſſary or uſeful we in general abound in all Things needful for Man's Uſe or Occaſion; and could, if compelled, ſubſiſt without the Help of any other Nation whatever. Before I proceed to treat on the Privileges we are bleſſed with, I ſhall ſhew the Boundaries or Extent of this Kingdom: We are found to be ſituated between 16 and 22 Degrees of Longitude, and between 51 and 56 Degrees of Latitude; our longeſt Day Northwards is 17 Hours 12 Minutes; our ſhorteſt Day in the South Parts near 8 Hours. The Length of our Kingdom from Berwick North, to Land's-End South-Weſt, about 386 Miles; in Breadth from Sandwich Eaſt, to Land's-End Weſt, 279 Miles: 'Tis thought to contain 39,638,500 Acres; in Compariſon with France, as 30 is to 82: As to its Number of Inhabitants as near as could be computed by the Deaths, Births, and Taxes near 80 Years ago was thought to be 7,055,706. But I believe now we have above nine Millions of People in this Land and Wales, out of which ſome have conjectured we can raiſe near 1,000,000 of fighting Men, (*vix credo.*) We have in England and Wales 25 Cities 750 great Market-Towns, near 10,000 Pariſhes, 61 Foreſts, near 300 Parks, *&c.* As to all our vaſt Bleſſings and Advantages we enjoy in England, 'tis not eaſy to enumerate or define their Extent or Excellency; we are ſituated in a pleaſant Land, and enjoy good wholeſome Air, and a fruitful Soil, ſufficiently watered with many Springs and Rivers; we have a great Number of navigable Rivers, and more might be made ſo; we have very few barren Mountains, or inacceſſable craggy Rocks, like what is found in moſt other Lands; no Volcano's or burning Mountains, no tempeſtuous Hurricanes, deſtructive Earthquakes, which hurt other Nations, no devouring wild Beaſts,
2			
3			
4	4 24	7 36	
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6			
7			
8	4 32	7 28	
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10			
11			
12			
13			
14			
15			
16	4 47	7 13	
17			
18			
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21			
22			
23			
24			
25	5 2	6 58	
26			
27			
28			
29			
30			
31			

SEPTEMBER hath xxx Days.

	M D	♄ ♍	♃ ♌
New Moon the 6th day, at 2 morn.	1	27	℞
First Quarter the 13th day, 5 h. 30 min. morn.	8	27	16
Full Moon the 20th day at 1 h. 12 min. morn.	16	28	15
Last Quarter the 27th day, at 7 at night.	24	29	15

This Month the 3d, and 5th Day of November,
We ought to mourn, and Papists to remember.

M D	W D	Remarkable Days, &c.	☉ ♍ d.	☽ ☌ ♍	☽ rises ♌ a.	☽ rises ♍ m	♂ ♐	♀ ♌	☿ ♌	Mut. Aspects and Weather.
1	T		9	17 ♌	☌ VI 19		16	8	28	Weather be
2	F	London	10	29 ♍	1	10	16	9	29	✶ ♃ ♂
3	S		11	11 ♎ 12	2	13	17	10	30	gins pretty
4	B	14 S. aft. Trin.	12	23 ♎ 37	3	15	17	11	♍	olerable.
5	M		13	6 ♍ 3	4	20	18	12	0	
6	T	Days decre. 5.	14	18 ♍ 49	☽ sets		19	14	1	☽ Apog.
7	W	Dog-days end.	15	1 ♎ 50	7 A 10		20	15	2	□ ♃ ♀
8	T	3 h. 30 min.	16	15 ♍ 5	7	44	20	16	2	Good weath
9	F		17	28 ♍ 39	8	10	21	17	3	△ ☉ ♃
10	S	Watches right	18	12 ♏ 14	8	43	21	18	4	
11	B	15 S. aft. Trin.	19	26 ♍ 6	9	18	22	20	4	Some rain
12	M	with fun.	20	10 ♐ 8	10	0	23	21	5	Ember Week
13	T		21	24 ♍ 17	10	48	23	22	7	now about,
14	W		22	8 ♑ 32	11	50	24	23	8	
15	T	Nol Cromwel	23	22 ♍ 51	Morn.		24	25	10	✶ ☉ ♂
16	F	went off, the	24	7 ♒ 6	0	58	25	26	12	Weather fine.
17	S	time the Jews	25	21 ♍ 24	2	10	26	27	14	
18	B	16 S. aft. Trin.	26	5 ♓ 32	3	34	26	28	15	△ ♃ ♅
19	M	aimed to kill	26	19 ♍ 28	4	52	27	♍	17	☽ Perig.
20	T		27	3 ♈ 10	☽ rises		27	2	19	
21	W	St. Matthew.	28	16 ♍ 35	6	51	28	3	21	Dark weath.
22	T	K. G. III. cr.	29	29 ♍ 41	7	19	29	4	23	✶ ♄ ♂ and
23	F	Day and night	♎	12 ♉ 29	7	46	30	5	25	♂ ☉ ♄ cool.
24	S		1	25 ♍ 0	8	18	♌	6	28	Some days
25	B	17 S. aft. Trin.	2	7 ♊ 13	8	52	1	8	29	♂ ♄ ♅
26	M		3	19 ♍ 16	9	31	2	9	♎	windy and
27	T		4	1 ♋ 11	10	16	2	10	2	cloudy.
28	W		5	13 ♍ 3	11	8	3	11	4	C. Aug. Mat.
29	T	St. Michael.	6	24 ♍ 56	Morn.		4	12	6	☽. 1766, the
30	F	Days decr. 4h 21 min.	7	6 ♎ 58	0	7		13	7	30th. ♂ ☉ ♀

What I ſhall next obſerve is fiery Mars,
Which ſtimulates, ſome ſay, to Strife and Wars.
'Twas from Men's Vice that Wars at firſt took Riſe,
From Pride, Ambition, and from Avarice;
Theſe prompt Men each other to deſtroy;
'Twas Luſt, not Mars, produc'd the War of Troy.

M	☉ riſes h. m.	☉ ſets h. m.	OBSERVATIONS.
1			Beaſts, or venomous Serpents, as are found in many
2			hot Countries; nor is the Plague here but ſeldom;
3			theſe and ſeveral other Nuſances, which are trouble-
4			ſome to other Nations, as Vermin and Flies, and many
5	5 26	6 34	other Evils troubleſome and hurtful, which we are not
6			ever annoyed with. On the contrary, we are bleſſed
7			with all Things we could wiſh for, of every Kind of
8			Neceſſary, or Things needful for Life, and to make
9			Life pleaſant and agreeable for Man and Beaſt; our
10			Fields and Paſtures afford us Plenty of Corn and Graſs,
11			and Wood and Coal for our Fires, and Food Plenty,
12			and vaſt Variety of it; which has been computed, if
13			'twas not profuſely confounded, would ſerve more
14			than three Times our Inhabitants. But of late Years
15			it has been ſo baſely ſold from us to other Lands,
16	5 46	6 14	that the Poor has ſuffered dreadfully, and do at this
17			Time I am writing. In this happy Iſland we have
18			all that is needful or wanting for Belly or Back; that
19			is to ſay, Food and Rayment, and for Pleaſure and
20			Diverſions, and for various Kinds of Curioſities; be-
21			ſides, we are furniſhed with all Things neceſſary for
22			building Houſes, Ships, Carriages, Coaches, and other
23			Forms for Conveyances. We are ſtored with all
24			Things needful for Wars, and with all Kinds of In-
25			ſtruments or Tools for mechanical Uſes whatever;
26	6 8	6 52	and all this and more, without the Need or Aſſiſtance
27			of any other Nation, or are we compelled to it. An-
28			other notable Benefit we enjoy, we are nearly environed
29			round with a Sea for our Security, as well as for
30			Trafficking; we are like a Houſe moated round for
			our Safety, as Mr. Waller has juſtly deſcribed it:

Such Safety we do by our Seas receive,
No one can viſit us without our Leave.

Another

OCTOBER hath xxxi Days.

M D	♄ ♎	♃ ♉
1	1	14
8	2	14
16	3	13
24	3	12

New Moon the 5th day, at 3 h. past noon,
First Quarter the 12th day, at 11 h. before noon.
Full Moon the 19th day, at 2 h. 24 m. past noon.
Last Quarter the 26th day, at 11 in the morn.

Saint Luke he died on a peaceful Bed,
At Ephesus he lies interred.

M D	W D	Remarkable Days, &c.	☉ ♎	☽ ♌ d.	m.	☽ rises h.	m	♂ ♌	♀ ♍	☿ ♎	Mut. Aspects and Weather.
1	S		8	19	10	1	10	4	14	10	
2	B	18 S. aft. Trin.	9	1 ♍	34	2	15	5	15	11	
3	M		10	14	17	3	21	5	17	13	☽ Apog.
4	T		11	27	26	4	22	6	18	14	A little moist
5	W	Died Mr.	12	10 ♎	42	☽ rises.		6	19	16	at new moon.
6	T	Sharp, at	13	24	23	6	32	7	20	18	
7	F	West-Wic. a	14	8 ♏	19	6	55	7	22	19	
8	S	great astron.	15	22	27	7	30	8	23	20	Some wet.
9	B	19 S. aft. Trin.	16	8 ♐	44	8	11	8	24	23	
10	M	7 Stars rise at	17	21	4	8	38	9	25	24	
11	T	6h. 18m. night	18	5 ♑	15	9	58	10	26	26	
12	W	At this Time	19	5 ♑	15	11	2	10	28	27	
13	T	1656, the	20	19	27	Morn.		11	30	29	
14	F	Thames eb-	21	3 ♒	33	0	16	11	♎	♏	Rain, more
15	S	bed and flow'd	22	17	31	1	48	12	1	2	☌ ♄ ♀ wet a
16	B	20 S. aft. Trin.	23	1 ♓	21	2	42	12	2	4	□ ♃ ♂ day
17	M	twice in 5 h.	24	15	5	4	0	13	4	5	or two.
18	T	St. Luke.	25	28	31	5	13	13	5	7	
19	W		26	11 ♈	50	☽ rises.		14	6	8	
20	T	Devizes Fair.	27	24	55	5	57	14	8	10	
21	F		28	7 ♉	49	6	20	15	9	11	
22	S		29	15	5	6	52	15	10	12	
23	B	21 S. aft. Trin.	♍	27	7	7	30	16	11	13	
24	M		1	9 ♋	1	8	11	16	12	15	
25		K.G.III. Acc.	2	20	51	9	58	17	14	17	☌ ♃ ☿
26	W	K.G.III. proc.	3	2 ♌	43	10	53	17	15	19	✱ ♂ ♀ Rain
27	T	Bradshaw, that	4	14	41	11	50	18	16	21	a little, end
28	F	noted vil. died.	5	26	51	Morn.		19	18	23	pretty well.
29	S	St. Sim. & Jude.	6	9 ♍	17	1	8	19	19	25	
30	B	22 S. aft. Trin.	7	22	5	2	14	20	21	25	
	M		8					20	22	26	

New Venus view, term'd an inferior Star,
Yet, far more glorious than great Jupiter;
She hath oft been ſtil'd a Secondary Moon,
And caſt a Shadow, hath been ſeen at Noon:
She is of a mild benign Influence,
Gives ſome Excitement to Concupiſcence,
To Men that merely guided are by Senſe.

M D	☉ riſes h.	m	☉ ſets h.	m.	OBSERVATIONS.
1					Another very great Bleſſing we Engliſhmen enjoy, which is owing to the Temperature of our Air, in a great meaſure, and that is Longevity of Life; we generally live as long or longer than People of other Nations. A Man is not counted old here till 70, or quite old till 80; many are found to live till 90, and ſome few to 100 and more. You have often heard of old Parr, who lived to 152; and Henry Jenkings, of Yorkſhire, exceeded old Parr's Age by 18 or 19 Years; he died in 1671, aged 168, ſome ſay 169. Dr. Bernard, in his Treatiſe of Cold-bathing, brings an Inſtance of forty Men in Bath, who in two Years died, whoſe Ages made 3522 Years; and at Bradford, near Bath, four Sifters Ages made 360, the eldeſt rode ten Miles ſingle when 100 Years old. I have ſeen an Account of eight Men living in one Manor, who danced a Morrice Dance, whoſe Ages made 800 Years. Many more remarkable Inſtances could I bring of ſome great Ages near where I live. One Thing I may juſtly infer, theſe Men I have hinted at, who arrived to theſe great Ages, did not waſte their Time as great Numbers do in moſt Parts of our Nation, in drinking ſtrong Liquors a great Part of the Night, and ſo continue it three or four Times a Week; which is a Proof they ſet but a low Value on long Life and Health. As I have touched on this already, I decline it here, to obſerve the immenſe Trade as is carried on in this Kingdom, the moſt conſiderable of any Nation in the World. The wonderful Greatneſs of our Maritime Trade on theſe three Articles of Exportation, Tranſportation, and Importation, this Land produces the moſt ſubſtantial and neceſſary Commodities in the World; as Cheeſe, Corn, Cattle, Cloth, Iron, Tin, Copper, Lead, Pit-Coal, and many other needful Commodities, as Room won't allow to be named here. As for our Corn, it often keeps
2					
3					
4					
5					
6	6	26	5	34	
7					
8					
9					
10					
11					
12					
13					
14	6	38	5	22	
15					
16					
17					
18					
19					
20	6	49	5	11	
21					
22					
23					
24					
25					
26					
27					
28					
29	7	7	4	53	
30					
31					

other

NOVEMBER hath xxx Days.

New Moon the 4th day, 2 h. 52 min. morn.
First Quarter the 10th day, at 7 h. past noon.
Full Moon the 18th day, 6 h. 10 min. morn.
Last Quarter the 26th day, 4 h. 40 min. morn

D	♄	♅
1	4	11
8	5	10
16	5	9
24	6	8

A Fast the fifth, kept for the Popish Plot;
But now, alas! most Fasts are quite forgot.

M D	W D	Remarkable Days, &c.	☉ ♏ d.	☽ ♒ m.	☽ rises h.	☽ m.	♂ ♑	♀	☿ ♏	Mut. Aspects and Weather.
1	T	All Saints.	9	5 57	3	24	21	23	28	☌ ☉ ♃
2	W	P. Edward bo.	10	18 53	4	36	22	24	29	Stormy if not
3	T		11	21 ♓ 55	5	50	22	25	♐	thunder.
4	F		12	17 17	☽ sets.		23	26	1	☽ Apog.
5	S	Powder Plot.	13	1 ♈ 54	6	A 10	23	28	3	
6	B	23 S. aft. Trin.	14	16 38	6	57	23	29	4	✶ ♄ ☿
7	M	D. Cumb b.	15	1 ♉ 20	7	55	24	♑	5	Some rain
8	T	Prs. Sc. Bug b.	16	15 55	9	0	24	1	7	now about
9	W	Ld. Mayor's day	17	5 ♊ 10	10	10	25	3	8	there's no
10	T	at London.	18	14 23	11	22	25	4	9	doubt,
11	F	St. Martin.	19	28 13	Morn		26	5	10	
12	S		20	11 ♋ 48	0	48	26	6	12	
13	B	24 S. aft. Trin.	21	25 8	2	0	27	8	13	
14	M		22	8 ♌ 10	3	10	27	9	14	☌ ☿ ♀
15	T	Day breaks at	23	21 13	4	19	28	10	15	
16	W	5 h. 36 min.	25	3 ♍ 58	5	25	28	11	16	
17	T		26	16 38	6	27	29	13	17	Rain or snow.
18	F		27	28 58	☽ rises.		29	14	18	
19			28	11 ♎ 14	5	A 29	♑	15	19	
20	B	25 S. aft. Trin.	29	29 20	5	19	1	16	20	
21	M		♐	5 ♏ 18	6	12	1	18	20	
22	T	St. Cecil.	1	17 10	7	12	2	19	21	Agreeable
23	W	St. Clement.	2	28 59	8	15	2	20	21	weather for
24	T		3	10 ♌ 49	9	10	3	21	22	the season.
25	F	St. Catherine.	4	22 24	10	32	3	23	22	D. Glouc. bo.
26	S		5	4 ♑ 50	11	40	3	24	♑	
27	B	Advent Sund.	6	17 50	Morn		4	26	21	
28	M	Watches too	7	29 58	0	54	4	27	21	✶ ☉ ♄
29	T	slow 9 min.	8	13 ♒ 8	2	4	4	28	20	Air cold.
30	W	St. Andrew.		26 47	3	24	5	29	19	

I've gave some Hints of massy Globes on high,
Now take a Sketch of nimble Mercury;
This Planet seldom seen, can swiftly run
Four Times a Year around the scorching Sun:
His Orbit's found the same it hath always been,
He can't fly off, or Sol attract him in.

M D	☉ rises h.	m	☉ sets h.	m
1				
2				
3				
4				
5				
6	7	23	4	37
7				
8				
9				
10				
11				
12				
13				
14				
15	7	40	4	20
16				
17				
18				
19				
20				
21				
22	7	48	4	4
23				
24				
25				
26				
27				
28				
29				
30	8	0	4	0

OBSERVATIONS.

other Countries from starving, which we traffick often and want it at Home: Our Beef, Mutton, and Pork, and Fowls, are better and more plentiful than in most Places whatever; we not only victual our own Fleet, but all Foreigners that come and go; our Horses here are found to excel all elsewhere in Hardiness, Beauty, Strength, and Courage, and lately in swift Running. But the chief Sinew and Support of our Kingdom is our vast Trade, and Manufacture of our Woollen Broad Cloth, Serges, Kerseys, Bays, Flannels, Perpetuanos, Frizes, Stockings, and many other Things made here, which some have computed amount to 2,000,000 per Ann. Our Cloth is found more lasting than that which is made in other Countries, and form a better Defence against the Air or Weather; the French cannot make any so good, without a third Part of our Wool. Another Article we have excellent here, which is Leather; the poorest People wear Leather Shoes, which in some Countries are forced to wear Shoes of Wood. Numerous other Properties we are blessed with; one is, our Oak excels others for Ship-building, which is found a Bulwark against our Enemies, our Ships to defend our Nation from Invasions, besides the Goodness of our Oak for all Building; and we want no Kind of Stone or Marble, Brick or Tiles, or Lime, Lead, nor Glass; and for Firing, we have Coals cheap in some Places, and Wood sufficient in most Countries.

I shall

DECEMBER hath xxxi Days.

M D	♄ ♎	♃ ♉
1	7	7
8	8	7
16	8	6
24	9	6

New Moon the 3d day, at 1h. 40m. past noon.
First Quarter the 10th day, at 5 morn
Full Moon the 18th day, at 1 h. 20 m. morn.
Last Quarter the 26th day, at 4 h. 40 min. morn.

The Twenty-fifth, a Day once sacred held;
But now-a days most sacred Things expel'd.

M D	W D	Remarkable Days, &c.	☉ ♐	☽ ♏ d.	m.	☽ rises h.	m.	♂ ♍	♀ ♍	☿ ♐	Mut. Aspects and Weather.
1	T	St. Bridget.	9	10	57	4	34	4	0	18	
2	F	Twilight ends	10	25	31	5	52	5	2	17	Some falling
3	S	at 6h. 6 min.	11	10	♐ 27	☽ sets		5	3	16	weather.
4	B	2 S. in Advent	12	25	34	5	35	5	4	15	♂ ☉ ☿
5	M		13	10	♑ 42	6	38	6	5	14	□ ♂ ♀
6	T	St. Nicholas.	14	25	40	7	44	6	7	13	△ ♃ ♂
7	W		16	10	♒ 21	9	2	6	8	12	✶ ♄ ♀
8	T	Con. B. V. Ma.	17	24	40	10	21	7	9	11	
9	F		18	8	♓ 36	11	36	7	10	10	Cold and dry
10	S		19	22	10	Morn.		8	12	9	wind.
11	B	3 S. in Advent.	20	5	♈ 24	0	49	8	13	8	
12	M		21	18	19	2	0	8	14	7	
13	T	St. Lucy.	22	1	♉ 2	3	10	8	15	6	
14	W	Ember Week.	23	10	30	4	19	9	16	5	
15	T		24	25	49	5	25	9	18	5	Cloudy and
16	F		25	8	♊ 1	6	27	10	19	5	frost.
17	S		26	20	5	☽ rises		10	21	D	
18	B	4 S. in Advent	27	2	♋ 4	4	29	10	22	5	
19	M	The Earth in	28	13	37	5	19	10	23	6	
20	T	its Perihelion.	29	25	47	6	12	11	24	7	
21	W	St. Thomas.	30	7	♌ 36	7	12	11	25	8	Shortest day.
22	T		♑	19	27	8	15	11	27	9	
23	F		2	1	♍ 23	9	18	12	28	10	✶ ♄ ☿
24	S		3	13	28	10	30	12	29	11	
25	B	Christmas-day	4	25	48	11	36	12	♑	11	
26	M	St. Stephen.	5	8	♎ 27	Morn.		13	2	12	
27	T	St. John.	6	21	31	0	40	13	3	13	
28	W	Ho. Innocents.	7	5	♏ 3	1	14	13	4	14	
29	T		8	19	4	3	5	13	6	15	Cold weather
30	F		9	3	♐ 35	4	20	13	7	16	frost or snow.
31	S		10	18	32	5	38	13	8	17	□ ☉ ♄

When I survey these Globes of Light on high,
I read God's Wisdom, Power, and Majesty;
Their Motions founded by a fixed Law,
From which they deviate not, or make a Flaw;
But Man is found his greatest Part of Days
To go astray, and find out crooked Ways.

M D	☉ rises h. m	☉ set h. m
1		
2		
3		
4		
5		
6		
7	8 7	3 53
8		
9		
10		
11		
12		
13		
14		
15		
16	8 11	3 49
17		
18		
19		
20		
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22		
23		
24		
25		
26		
27		
28	8 10	3 50
29		
30		
31		

OBSERVATIONS.

I shall intrude on a Page or two beyond my wonted Custom, to enlighten your Understanding, touching many other excellent Things we enjoy in this Land, and have been attended with, to our Honour, worthy to be remarked on Men born or living in this Kingdom; with what wonderful Genius's some have been endowed, and what Inventions and Improvements in Arts have been made by Men, Natives of this Nation, in all scientific Learning, and in the mechanic Arts; what famous Divines, Physicians, Philosophers, Astronomers, and Poets born here, have been found an Honour and Ornament to this Kingdom, within a Century or two past; who ever equalled great Newton in Astronomy, or Locke, in tracing human Understanding, and Milton for Poetry, and other fam'd Poets? And besides, a great Number of famous Divines, I should have named first. Then for mechanical Arts, who ever equalled our Improvements in Telescopes, and other Optic Glasses, Air-Pumps, Globes, Barometers, Thermometers, Clocks and Watches, Orreries, and all Kinds of Mathematical Instruments? Printing Stuffs, Linen, Paper, and Stocking-weaving; Improvements in Earthen Ware, near to China; with Improvements in Coal-works, and numerous other Inventions and Improvements in every Branch of Trade; and many new Discoveries in most Occupations, too numerous for my stinted Room? One Thing has been observed, our Soldiers are more bold, and have shewn greater Courage, and done braver Exploits than others that were not of this Nation; our Scholars more profound in Learning, in most Sciences; and labouring People more hardy and robustic, and can do more Work than Foreigners; our Men more compleat, and well formed generally, than in most Parts; and our Women more beautiful than Abroad, and would appear more so, were it not

for their fantaſtical Faſhions in Dreſſing. Under this ſame Head belonging to this Subject, relating to the Properties of our Kingdom, I might enlarge ſomewhat on the Excellencies of our Religion, Laws, and Phyſic; in neither of which Endowments few, if any Nation, can equal us; none exceed us in our Religion, found to be the pureſt and moſt ſublime, and neareſt the preciſe Truth, taught from the Doctrine of the Old and New Teſtament. Alſo the Conſtitution of our Laws are founded and derived from the Divine Law, conſonant to the moſt refined Reaſon and beſt Experience, and by the wiſeſt Contrivers amongſt Men; to ſecure our Rights, oppoſe and ſuppreſs all Injuſtice, and puniſh the Criminal; no ways ſevere in any Part, or in any Point too ſlack or remiſs. Our Art of Phyſick is taught from the moſt profound and preciſe Philoſophy, and together with the Learning and Experience of ancient Phyſicians of the moſt known Eminency in the World, with vaſt Improvements made by our modern Inveſtigators into Nature's Laws; Men of ſuperior Skill in every Branch relating to Phyſick, ſcarce to be equalled in any Part of the World. But then 'tis ſad to obſerve theſe three great Bleſſings we enjoy in their Eſſence of Theory, ſhould of late be ſo degenerated from it in the practical Part, eſpecially in Phyſick; how ſurpriſing and unaccountable! our Nation is peſtered with Emperics and Quack Medicines advertiſed; many of them by a bribed Authority, ſet off by a pompous Form of Words; the greateſt Part Falſities, and abſurd Impoſſibilities; ſuch as curing thirty or forty Diſeaſes, with one Medicine; and ſome Men beſide (by which Phyſic is proſtituted) who uſurp into the Province of Phyſick, that never ſtudied the Myſteries of Phyſick, or one half the Branches that belong to the Art. And again, another Impediment the Art of Phyſick is attended with of late, which is thoſe Herbs which were in ſo great Uſe and Eſteem formerly, are quite abandoned, neglected, and near forgot now; to the great Loſs of the Sick, and Scandal to the Science of Phyſick. Much more is needful to be inculcated on this Point, but it would prove all abortive.

Touching

Touching the Eclipſes 1774.

THIS Year will produce only two Eclipſes, and they both of the Sun; they will be both found inviſible. The firſt will happen March 12, about 52 Minutes paſt 9 in the Morning, and will be total and viſible in about 4 Degrees of South Latitude, between Africa and America. The ſecond will fall out the 6th of September near 2 in the Morning, and will be total and viſible in 9 Degrees of North Latitude, near the Phillipine Iſles of Aſia: So I think nothing of any Moment can be enlarged on concerning this Year's Eclipſes.

Of the Notes for 1774.

The Golden Number	8	♊	Gemini.
Epact	17	♋	Cancer.
Cycle of the Sun	19	♌	Leo.
Roman Indiction	7	♍	Virgo.
Domin. Letter B.		♎	Libra.
Septuageſ. Sunday, 30th Jan.		♏	Scorpio.
Shrove-Sunday, February	13	♐	Sagitary.
Eaſter-Sunday, April	3	♑	Capricorn.
Whit-Sunday, May	22	♒	Aquarius.
Advent-Sunday, Novemb.	27	♓	Piſces.

The Characters of the 12 Signs and 7 Planets.			
♈ Aries.	♄ Saturn.	♀ Venus.	
♉ Taurus.	♃ Jupiter.	☿ Mercury.	
	♂ Mars.	☽ The Moon.	
	☉ The Sun.		

I Come now to the ſecond Part of my Speculum, to treat ſomewhat on the heavenly Bodies, and what probable Effects they may adminiſter to this ſublunary World the enſuing Year. But before I enter into theſe Enquiries I ſhall examine into the *Art of Aſtrology* itſelf (on ſome Point omitted laſt Year) as firſt, to ſhew how far Aſtrology may be conſiſtent with the divine Word, or true Religion; and of what Scope and Analogy it will correſpond with Truth, for the ſake of ſome Tyro's and others who follow many Errors that's mixed with this Art; many of which are taught in ſome Books, and not lawful to be practiſed; and others by the crafty Wiles of Satan may have been enticed to imitate the ſame Pagan Authors, and many Superſtitions beſide, contrary to the divine Oracles, and to Reaſon and Truth no way agreeable. The original and pure Art of Aſtrology which does not maintain or allow any Characteriſtical Practice, as forming Images under ſuch or ſuch a Conſtellation, as has been uſed by ſome to hurt an Enemy, or cure Diſeaſes as pretended; neither can it be lawful to elect Times, as many have and do ſo ſtill, to know how to ſucceed or proſper in any worldly Affairs; for ſuch Practices weaken our Truſt and Dependence on the Almighty Diſpoſer of all Things. We ought to avoid conſulting the Stars (as has been taught) on all Buſineſs, as writing Letters, when to ſpeak with great Men, going Journies, putting on new Clothes, going a hunting, and a vaſt more of the like Abſurdities, of which there is no Truth or Dependence in, or ſcarce worthy to be named, were it not to ſhew the Madneſs of ſome that rely on ſuch Elections. Other Men abuſe the Stars, who make uſe of them in any magic Spells, and all ſortilegious Divinations whatever, where no Reaſon can be produced from the Cauſe to ſhew the Effect. The Stars cannot effect any Thing on Man's Will directly, but *ex abſtinente*; nor with God's Providence, or Miracles, or Secrets, or with Religion; nor doth any Chriſtian Aſtrologer maintain or ſupport any ſuch Practices. But by the Ignorance of ſome, and Superſtition of others, theſe vile Uſes have crept into Aſtrology; and 'tis from this the Enemies of this Art have condemned it, and vilified all that profeſs Aſtrology; and many others,

others, merely from blind Tradition, do ridicule an Art they are entirely ignorant of. The ancient Aſtrology, in its Purity, has by the Learned been ſtill accounted a famous Science: it was known in the firſt Ages of the World, brought out of Caldæa by Abraham, learnt by Jacob, underſtood by Moſes, practiſed by the wiſeſt, allowed by the Univerſity as a Branch of natural Philoſophy, no way inconſiſtent or impugned by Scripture, whatever ſome of its Adverſaries have broached, indiſpenſibly neceſſary to Phyſick, as Dod, Mead, and many others have evinced, and as uſeful for Judgment of what Weather will enſue; and many other Particulars I omit to name; and found uſeful to moral and natural Philoſophy, and various other Circumſtances as belong to Mankind; and as the Heavens do ſet forth the Glory of God by the Stars Magnitudes, Diſtances, Motions, and Beauty, ſo do they no leſs by their Operation and Effects on Things belonging to our Earth. All Eclipſes, great Conjunctions, Comets and Configurations of Planets, are all Oracles of Divine Providence; which, whoſoever deſpiſeth, contemneth the Admonitions of God.

Judicials on the Four Quarters of the Year 1774.

FIRST on the Winter Quarter, which always commenceth when the Sun toucheth the Aſteriſm of Capricorn, or more really the Earth wheels into Cancer, which will be found to be December 21, at 10 h. 26 min. in the Morning, by Mr. Leadbetter's Tables; ſome ſay at 55 min. paſt 10, if I take that Time, 23 deg. ♒ 24 min. ♈ aſcends, and 18 deg. of ♐ culminates ♄ will be found in ♍ in the 7th, ♃ in ♈, and 39 min. in aſcen. ♂ in 7 deg. 42 min. in ♑ on 12th, ♀ about 16 deg. in ♒ on the aſcen. ☿ ℞ about 29 deg. of ♐ on the 19th, the ☉ ♑ on the 11th, the Moon in 6 deg. 57 min. in ♈, on the aſcent of the Aſpects as followeth: □ ☉ ♄ ☌ ☿, □ ♃ ☿, □ ☉ ♃, □ ♄ ☿, the Moon ab ☌ ♃, ad □ ☌ ♀, &c. He that would know more preciſe, may erect a Figure of Heaven for it if he pleaſe. Here is a ſomewhat large Platform to deduce Judgment from; but I ſhall keep within modeſt Boundaries in my Judicials, minding the old Proverb, *ne ſutor ultra crepidam.* I ſhall not aim (as ſome Writers do) to amuſe ſome vulgar Heads with terrible Events like to befal foreign Kingdoms, and ſometimes our own, which generally ends like the Fable of the Mountain in Travail who brought forth a Mouſe. I ſhall not venture to launch out to predict what will happen to Ruſſia, Hungary, or Portugal, or Preſter John's Country; but as far as the Principles of this Art can ſuggeſt to me, ſo many □'s muſt have an evil Tendency, and ferment up Diſcord and Things inimicable to many People; ♃ in □ to the ☉ in the aſcent, and the ☽ near in ☌ *cum* ♃, may denote ſome Diſpute or Controverſy between common People and ſome Men in Power, or ſome Clergyman call'd to an Account for Miſdemeanour; ☿ in □ to ♃ and in ☌ with the ☉ agreeable to Aſtrologers, ſignifies many brave Men will die in their full Strength and Prime of Life, who if they had feared what ought to have been feared, and kept to the Rules of Juſtice and Honeſty, might have lived to a good Age.

Judgment

Judgment of the enſuing Spring Quarter.

THE Spring Quarter, which for Delight excelleth all the other three; the Poets and Rhetoricians have given an elegant Deſcription of Spring, but none has ſcarce reached the amiable Excellency of it. This Quarter begins this Year March 20, near 33 min. paſt Noon; at which Time was a Figure to be erected 2 deg. 29 min. of ♌ will be found to aſcend, and 9 deg. of ♈ on the 10th Houſe; the Aſpects are not many, ☿ in ☌ with ☿, and ♄ in ♐ with ♂; the ☉ and the ☽ at □ ☉ to the □ ☿ as to the Poſition of the celeſtial Wanderer, any Artiſt may read in March's Page. This Male Aſpect ☌ is from the 3d and 9th Houſes, that is, ♄ ♂ in ♐, which generally foreſhews oppoſite Effects; and was Mr. Partridge now living, no doubt but he would predict ſome monſtrous ominous Signification from ſuch a Configuration, as it relates to France, that being cantoned under Virgo; *ergo*, according to this Art, muſt denote ſome Diſcordancy and fierce Conteſt now fermenting in that ambitious reſtleſs Kingdom; for they keep no Promiſes with thoſe they deem Hereticks; ſo if not with them, they will, I really imagine, quarrel with ſome Potentate before April ends. Saturn being Lord of the 6th at this Ingreſs, we may thence find much Sickneſs among free Livers; ſuch are for a ſhort Life and merry one, thoſe who make Gods of their Bellies. The Diſeaſes which will moſtly predominate are, melancholy, Pannick, Tremblings, and ſome griping in the Bowels, and Dropſy, &c. I forgot in its Place ſome Remarks on the ☌ of the Sun and Venus in the 9th Houſe, may denote much Honour and Advantage to ſome great Officers or religious Men come from ſome long Journey, or a Voyage, or Men that travel to promote Chriſtianity, ſuch ought to be rewarded and encouraged; but the Men that travel only on that Account are but few; it alſo may foreſhew ſome Advantages beſide to Men trafficking to Foreign Parts.

The ☌ ☉ and ♀ may have other Significations, but agreeable to this Art they are all Indications that our Nation may find Things chime in a better Harmony than for ſome Time paſt; and that People in lower Stations will not murmur at their Superiors, or have Reaſon to complain of being oppreſſed. Theſe and the like may be expected to follow the Spring Ingreſs, which I penned down as probable, not as poſitive. 'Tis *Veritas, Temporis filia* will and muſt ſhew the Truth of Predictions.

The Aſtrologer may many Things predict,
But many Times they do not take Effect.

Next of the Summer Quarter, ſome Remarks.

THE Summer Quarter initiates this Year June 21, 48 min. before noon, at which Time was a Scheme to be erected 8 deg 26 min. of ♎ will aſcend, and about 11 deg. of ♋ on the Mid-heavens: But as Tables by different Authors vary, I ſhall not peremptory fix on, or depend on the Exactneſs of the Cuſp of the Houſes; for ☿ in Signs of ſhort Aſcenſion, one Hour may cauſe to differ near a whole Sign on the Aſcendant. At this Ingreſs, or Time, when the Sun makes a Criſis uſually on mundant Affairs; here is hardly any Aſpect to be found of much Importance; ſo, according to the Principles of this Art, and what my own Experience can ſuggeſt to me, Things will continue *in ſtatu quo*, much as in the Spring Quarter. Here is about the Full Moon this Month a □ ☉ and ♄, which may ſtimulate ſome that are that way inclined to Diſcord and Murmuring at their Superiors, and aiming to climb a little higher in the World; not minding the Viciſſitudes of Fortune, or on how ſmall a Thread their Lives may hang on. This Ingreſs ♀ is found to be almuter, ſo according to this Art bears the chief Sway, and will excite Libertines to ſenſual Pleaſure; but if Venus was never ſo powerful, cannot augment unlawful Pleaſures more than has been lately obſerved among many.

Venus may through the Zodiack run, and run again,
E'er ſome their Luſt and Riot will refrain.

I have ſurveyed the Planets and Conſtellations over and over again, and I don't obſerve the Stars ſhew or threaten any notable Diſaſter this Quarter, or any bad Event will attend our Iſland, ſo as to ſtimulate Wars or Actions of a violent Nature; tho' 'tis not unlikely ſome of our annual Writers will ſet forth ſome great Calamity or other haſting on, (who like Ahabo Prophet Micaiah, ſeldom foretel much Good.) I have taken notice more than once, that when ♄ or ♂ has been in ſuch or ſuch a Sign, as was the Aſcendant of ſuch or ſuch a Place, it ſignified bad Events to befal ſuch Places. England when in ♈, Ireland when in ♉, Scotland when in ♋, &c. if ſo then in every 30 Years or in about two Years and a half theſe Kingdoms above-named and others muſt find the malignant Effects of theſe two Infortunes, which do not correſpond with Truth always, which is the grand Point we ought to ſearch for; ſo we ought not to depend on the Stars abſolutely for Fore-knowledge of future Events, for the Secrets of the Almighty are impenetrable: But a Man having a good Genius, by ſedulous Studies and long Experience, may come near and often hit the Mark of Events before they happen in general Circumſtances; but no Man can predict particular Forms of Things, unleſs he is bleſſed with an Inſpiration. I ſhall juſt remark on what Diſeaſes we are like to abound with this Quarter, as far as Art can ſuggeſt to me; ♃ Lord of the 6th in the ♉, which denotes Tumors in the Throat among the Poor, and the Gout among the Rich, very common, and Rheumatiſms, &c. ſuch as frequent Venus's School may expect venereal Diſeaſes this Quarter, and at any other Time beſides, the ☽ in ♏ in ♀ points it out now.

Some

Some Judgment on the Autumn Quarter.

WHICH commenceth September 22, 12th or 4 min. paſt midnight, or 23 4 min. according to Mr. Leadbetter, at which Time 27 deg. 23 m. ♍ aſcend and 1 deg. ♌ on the 10th Houſe. At the initiating of the Ingreſs, I find ſeveral Aſpects worthy taking notice of; there is found a ☌ of ☉ and ♄ and ☉ and ☿ pretty near, and of ♄ and ☿, all which according to this Art ſignifies Contention and Tumults, with hot Diſputes; and, where War is in Agitation, much Bloodſhed, if planetary Influences take effect. The ſame Aſpect preſages Plotting, and ſecret Miſchief; and as falls out in the End of ♍, ſeem as if the French would have a Hand in the Scene, however denotes many private Pieces of Villainy nearer Home; and many Men will be taught to know when they ſhall make their Exit, or leave this World by Men in Power. The ſame Aſpect, according to the Tenor of this Art, foreſhews the Death of ſome Stateſman, or at leaſt the Death of his Honour. ♄ is found Lord of the 8th Houſe affecting the Lord of the Aſcendant, which points out the Death of common People; and many others of them will ſuffer many Calamities, Oppreſſions, and Hardſhips. Theſe and the like Severities many of the Poor have ſuffered of late, for Compaſſion as well as Charity are Strangers alike in moſt Parts about us, and like to continue as long as great Men waſte their Subſtances at Play and Gaming, and the Height of Luxury. This Month ♄ changeth his Sign and goes into ♎ his Exaltation; Mr. Lilly, and ſome others have written, it ſhews ſome uncommon Appearance will be found in the Heavens at ſuch a Time, or near; I knew it happened ſo more than once. ♄ is Lord of the 6th, which points out what Diſeaſes are like to happen this Quarter, which are ſhewn to be Corruption of the Blood, Pain in the Kidney, and Sciatic; and the Gout among high Livers, and ſome Fevers.

I ſhall

I Shall here put an End to my Judicials, having deſigned my Room on other Subjects, and to treat on what I have for ſome Years paſt, that is to nominate what Weather I expect on ſuch Days in the following Year, the Days named, or Day before or after; Jan. 7 and 27, Rain or Snow; Feb. 21 and 27, Rain, ſome Rain; March 12 and 24, cold Storms; April 10, perhaps Thunder; May 16, Rain, if not Thunder; June 5, Rain; July 1, Rain; Sept. 12, wet, 19 or 20, a little; Oct. 15, ſome wet, and 26th; Nov. 6, I expect ſome Rain to continue; Dec. 18, Snow or Rain. I might have ventured to have named more Times, but here is brought to convince any unleſs an obſtinate Sceptic, that the Planets and ☽ foreſhew Alterations in the Air.

As I am drawing my Aſtrological Remarks to an End, I ſhall cloſe all as 'tis my Duty, with my Prayers to God to protect our Sovereign King, and his Royal Conſort, with the reſt of the Royal Family, from all Dangers and Diſaſters; and ſend him pious honeſt Counſellors, true Patriots, Men void of Covetouſneſs, and that Bribery and Corruption may ceaſe in our Land; ſo wiſhes, and ſo prayeth Numbers as well as myſelf. Amen.

IN my following Writings I ſhall remark a little further, and what I touched on laſt Year of Microſcopes, and the various Animalculas found by them, on which I was deſired to ſomewhat enlarge upon, as 'tis what is known but by a few, being the inviſible Part of the Creation, ſome refined Virtuoſo's and Students of Nature; for how many Ages have theſe minute Creatures lain, as I treated on ſome, faſt locked up and concealed from all Mankind, till it pleaſed the Divine Goodneſs to bleſs and inſtruct Lewinhock with the Invention of theſe wonderful Glaſſes, which opened to us a new World of Creatures, ſo inconceivably ſmall even beyond Imagination. The Knowledge of them is a Piece of Philoſophy beyond whatever Ariſtotle, Des Cartes, or my Lord Bacon could have learnt, without the Improvement of Sight by theſe Glaſſes, which have been of ſuch infinite Uſe to Mankind, in ſearching into theſe Curioſities of Nature, and alſo in learning the minute Parts of the human Structure thoſe vaſtly ſmall thready Springs and Fibres, which, never ſo ſmall, do contribute and is found uſeful to ſome Part or other of the Inviſibles belonging to the Body. It is ten Times of more Value, than of what Ariſtotle wrote; and if the divine Pſalmiſt was ſo ſtruck with Wonder, on conſidering the human Structure in his Days, what would he have been on uſing a Microſcope? Likewiſe Galen, on ſeeing one Arm of a Man, was forced to confeſs a Deity, tho' an Atheiſt before; how much more would he have owned a God, could he have uſed a Microſcope in perceiving the minute Parts of that Arm? Again, how thankful ought we to be in ſhewing our Gratitude to God, for inſpiring Men with Wiſdom to find ſuch Inventions in theſe latter Days; with many other Arts beſides, as Printing, and the Uſe of the Compaſs; with many other notable Diſcoveries, unknown to our Anceſtors. Before I end this, for the ſake of ſome of my Readers, I ſhall inſert ſome more Myſteries found by theſe Glaſſes; for put into the Microſcope any Thing mouldy or corrupt, you'll inſtantly perceive Flowers, Fruits, and Beads. I once ſaw a Fern Seed

put

put in (the ſmalleſt of any Seed) and found the Fern Stalk all juſt as when coming up in the Spring. The ſame is to be found with Corn, or Seeds of Vegetables; all which may be obſerved as a clear Emblem and Demonſtration of a Reſurrection, which is ſufficient to baffle and confound any Atheiſt whatever, if there are any ſuch Men. By theſe Glaſſes we learn the Reality of Things, and ſhews us how frail and fallible our Eyes are in their aſſiſting us in judging Things in their real Forms; for put a Launce into theſe Glaſſes ground never ſo fine, you'll find it jagged like a Saw, and full of Holes; and Gold is full of Vacuities. We may alſo obſerve the Divine Wiſdom in forming our Eyes as they are; for had they been more piercing to have magnified Objects, we ſhould have found ſo many of theſe ſmall Creatures in what we eat and drink, we ſhould have nauſeated at near all our Food.

Here followeth Mr. Angel of Chippenham's Anſwer to my laſt Year's Quærie.

TO me it ſeems moſt reaſonable to conclude, the Letters ſent to King Jehoram, were dictated by the Spirit of Prophecy by Elijah before his Tranſlation, and ſo left with Eliſha to be delivered at a proper Time; unleſs any Error hath crept in by a wrong Tranſlation.

A new Rebus for next Year.

A Creature, when living, but ſeldom e'er ſeen,
A Beaſt that reproved his Maſter for Sin:
A Building which Man and Beaſt did incloſe,
A Sect from ſhaking, their Name firſt aroſe:
A City, with Water environed round,
A Thing that's unſeen, and known by its Sound;
A Harlot in Old and New Teſtament nam'd,
Another near Oxford, a greater was fam'd:
A Place of Confinement to Darkneſs and Woe,
A Beaſt us'd in War ſome Ages ago.
Theſe Initials, when join'd, a Name it will faſhion
Of a Thing to deceive, much in vogue in this Nation.

A QUERY.

What is the moſt reigning Sin at this Day in our Kingdom?

The Enigma laſt Year was on old Age; ſo here follows a Definition on old Age.

WHAT Man ſo e'er is with old Age poſſeſs'd,
Will always find it an unwelcome Gueſt;
When once arriv'd at Life's utmoſt Stage,
Then uſhers in Infirmities with Age:
Unhinged quite is found the human Frame,
No Senſe or Faculty is found the ſame.

The Body, like a Fabric, old and torn,
The Head declines, like ripen'd Ears of Corn;
The ſhrivel'd Face is grown a meagre Sight,
The Eyes, thoſe precious Lamps, near loſt their Sight.
Muſic, that once the drooping Heart would cheer,
Proves all abortive to a deaf'ned Ear:
The Teeth, which once in Iv'ry Rows they ſtood,
Have quit their Poſt, or no one left that's good:
The ſhaking Hands but a ſmall Aid do lend;
The feeble Knees with a ſmall Weight do bend:
Catarrhs in Plenty on the Lungs do flow,
The purple Tide begins to run but ſlow:
A ſhiv'ring Numbneſs ſeizeth every Part,
The Spirit's fled to fortify the Heart.
Aſk nothing now, for you are paſt a Grant,
What you had once, you all entirely want:
Your Lamp of Life, the Oil is nearly ſpent,
The Soul about to quit her Tenement.
Now fervently to the Almighty pray,
That he will take from Thee the Sting of Death away:
Thy Soul convey to everlaſting Reſt,
With Angels and Archangels ever bleſs'd.

FINIS.

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Ὀλύμπια Δώματα

OR, AN

ALMANACK

For the YEAR of

Our LORD GOD, 1774;

Being the Second after

BISSEXTILE, or LEAP-YEAR,

And from the World's Creation, 5778.

Wherein is Contained the Lunations, Conjunctions, Aſpects, and Effects of the Planets; and Increaſe, Decreaſe, and Length of the Days and Nights; with the Riſing, Southing, and Setting of the Planets and fixed Stars throughout the Year; whereby may be known the exact Hour of the Night at all Times, when either the Moon or Stars are ſeen.

Calculated according to Art, and referred to the Horizon of the ancient and renowned Borough Town of *Stamford* (formerly a famous Univerſity) whoſe Latitude is 52 Deg. 20 Min. fitting all the middle Counties of *ENGLAND*, and, without ſenſible Error, the whole Kingdom.

Non eſt è Terris mollis ad Aſtra Via.

By TYCHO WING, *Philomath.*

LONDON:
Printed for the COMPANY of STATIONERS.

[Price, Stitch'd, NINE PENCE.]

Common NOTES for the YEAR 1774.

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A TABLE of TERMS and their Returns.

HILARY Term begins January 24—ends February 12.

Returns or Eſſoign Days.		Exc.	Ret.	App.	W. D.
In Eight Days of St. *Hilary*,	Jan. 20	21	22	24	Mond.
From the Day of St. *Hilary* in 15 Days,	27	28	29	31	Mond.
On the Morrow of the Purif. bleſſ. *Mary*,	Feb. 3	4	5	7	Mond.
In eight Days of the Purif. of bleſſed *Mary*,	9	10	11	12	Satur.

EASTER Term begins April 20—ends May 16.

From the Day of Eaſter in 15 Days,	April 17	18	19	20	Wedn.
From the Day of Eaſter in 3 Weeks,	24	25	26	27	Wedn.
From the Day of Eaſter in 1 Month,	May 1	2	3	4	Wedn.
From the Day of Eaſter in 5 Weeks,	8	9	10	11	Wedn.
On the Morrow of the Aſcenſion,	13	14	15	16	Mond.

TRINITY Term begins June 3—ends June 22.

On the Morrow of the Holy Trinity,	May 30	31	J. 1	3	Friday
In Eight Days of the Holy Trinity,	June 5	6	7	8	Wedn.
In 15 Days of the Holy Trinity,	12	13	14	15	Wedn.
In 3 Weeks of the Holy Trinity,	19	20	21	22	Wedn.

MICHAELMAS Term begins November 7—ends November 28.

On the Morrow of All Souls.	Nov. 3	4	5	7	Mond.
On the Morrow of St. *Martin*,	12	13	14	15	Tueſd.
In Eight Days of St. *Martin*,	18	19	20	21	Mond.
In 15 Days of St. *Martin*,	25	26	27	28	Mond.

N. B. No Sittings in Weſtminſter-Hall upon *Aſcenſion-Day*, *Midſummer-Day*, and the 2d of *February*.

The *Exchequer* opens Eight Days before any Term begins, except *Trinity*, before which it opens only Four Days.

Note, The Firſt and Laſt Days of every Term, are the Firſt and laſt Days of Appearance.

The REGAL Table.

The Year, Month, and Day, when each King and Queen began to reign, accounting the Year to begin *Jan.* 1.			Length of each Reign, accounting 28 Ds. a Month.			Number of Years expired since they began to Reign.	
Kings Names	began to reign		Y.	M.	D.	Beg	Kings Names
William I.	1066	Oct. 14	20	11	22	708	William 1
William II.	1087	Sept. 9	12	11	18	687	William 2
Henry I.	1100	Aug. 1	35	4	12	674	Henry 1
Stephen	1135	Dec. 2	18	11	19	639	Stephen
Henry II.	1154	Oct. 25	34	9	2	620	Henry 2
Richard I.	1189	July 6	9	9	22	585	Richard 1
John	1199	April 6	17	7	1	575	John
Henry III.	1216	Oct. 19	56	1	1	558	Henry 3
Edward I.	1272	Nov. 16	34	8	9	502	Edward 1
Edward II.	1307	July 7	12	7	6	467	Edward 2
Edward III.	1327	Jan. 25	50	5	7	447	Edward 3
Richard II.	1377	June 21	22	3	16	397	Richard 2
Henry IV.	1399	Sept. 29	13	6	4	375	Henry 4
Henry V.	1413	Mar. 20	9	5	24	361	Henry 5
Henry VI.	1422	Aug. 31	38	6	17	352	Henry 6
Edward IV.	1461	Mar. 4	22	1	8	313	Edward 4
Edward V.	1483	April 9	0	2	18	291	Edward 5
Richard III.	1483	June 22	2	2	5	291	Richard 3
Henry VII.	1485	Aug. 22	23	8	19	289	Henry 7
Henry VIII.	1509	April 22	37	10	1	265	Henry 8
Edward VI.	1547	Jan. 28	6	5	19	227	Edward 6
Q. Mary I.	1553	July 6	5	4	22	221	Q. Mary
Q. Elizabeth	1558	Nov. 17	44	4	15	216	Q. Elizabeth
James I.	1603	Mar. 24	22	0	3	171	James 1
Charles I.	1625	Mar. 27	23	11	1	169	Charles 1
Charles II.	1649	Jan. 30	36	0	7	125	Charles 2
James II.	1685	Feb. 6	4	0	17	89	James 2
Will. 3. & M.	1689	Feb. 13	13	0	14	85	William 3
Q. Anne	1702	Mar. 8	12	5	6	72	Q. Anne
George I.	1714	Aug. 1	12	11	6	60	K. George 1
George II.	1727	June 11	33	4	13	47	K. George 2
George III.	1760	Oct. 25	Whom God grant long to Reign.				

A TABLE of the MOON'S SOUTHING, of excellen
Use to find the Time of High-Water, and Hour of th
Night, for the First Six Months of this present Year 1774.

Days	January.		February.		March.		April.		May.		June.	
	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.	H.	M
1	2	M. 18	3	M. 17	2	M. 4	3	M. 42	4	M. 36	6	(
2	3	3	4	6	2	55	4	39	5	33	6	5
3	3	51	4	57	3	48	5	40	6	27	7	4
4	4	39	5	50	4	43	6	36	7	20	8	2
5	5	27	6	45	5	40	7	32	8	9	9	1
6	6	17	7	42	6	36	8	25	8	56	9	5
7	7	10	8	41	7	33	9	16	9	41	10	3
8	8	3	9	40	8	31	10	5	10	26	11	2
9	9	0	10	38	9	27	10	52	11	10	0	A. 1
10	10	0	11	35	10	21	11	38	11	54	1	1
11	11	2	0	A. 31	11	14	0	A. 26	0	A. 44	1	4
12	0	A. 4	1	20	0	A. 4	1	12	1	31	2	3
13	1	2	2	9	0	52	1	58	2	18	3	2
14	1	56	2	55	1	38	2	45	3	6	4	7
15	2	47	3	41	2	24	3	32	3	53	4	5
16	3	35	4	27	3	11	4	20	4	40	5	4
17	4	21	5	13	3	58	5	7	5	27	6	2
18	5	7	5	58	4	45	5	54	6	13	7	1
19	5	52	6	45	5	31	6	42	7	0	8	4
20	6	37	7	32	6	18	7	30	7	47	8	5
21	7	20	8	20	7	6	8	18	8	36	9	5
22	8	6	9	9	7	54	9	7	9	27	10	5
23	8	52	9	57	8	43	9	57	10	22	11	5
24	9	40	10	46	9	32	10	48	11	19	Morn.	
25	10	28	11	35	10	22	11	42	Morn.		0	5
26	11	16	Morn.		11	11	Morn.		0	18	2	
27	Morn.		0	24	Morn.		0	38	1	20	2	5
28	0	5	1	14	0	2	1	36	2	23	3	5
29	0	53			0	54	2	35	3	24	4	4
30	1	40			1	48	3	36	4	20	5	3
31	2	29			2	44			5	14		

Note, The Moon, or any Star, is said to be South, when they appear in that Quarter of the Heavens in which the Sun is at Noon Days which for the Moon this Table will direct you; and for the Planets

TABLE of the MOON's SOUTHING, of excellent Use to find the Time of High-Water, and Hour of the Night, for the Last Six Months of the present Year 1774.

July.	August.	September	October.	November	December
H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
6 M. 17	7 M 12	8 M. 20	8 M. 44	9 M. 49	10 M. 2
7 2	7 56	9 7	9 32	10 39	10 58
7 48	8 46	9 54	10 19	11 30	11 55
8 33	9 34	10 42	11 7	0 A. 26	0 A. 58
9 18	10 20	11 29	11 56	1 23	2 0
10 4	11 7	0 A. 19	0 A. 47	2 22	3 0
10 50	11 54	1 7	1 40	3 21	3 59
11 36	0 A. 43	1 55	2 34	4 21	4 54
0 A. 26	1 29	2 45	3 31	5 18	5 46
1 13	2 14	3 37	4 28	6 14	6 34
1 59	3 3	4 31	5 25	7 7	7 21
2 46	3 51	5 27	6 23	7 57	8 8
3 32	4 40	6 24	7 19	8 45	8 54
4 18	5 32	7 22	8 14	9 33	9 40
5 4	6 27	8 20	9 8	10 20	10 26
5 52	7 24	9 17	9 59	11 6	11 12
6 43	8 23	10 13	10 48	11 53	11 59
7 37	9 23	11 6	11 37	Morn.	Morn.
8 34	10 23	11 58	Morn.	0 40	0 45
9 33	11 21	Morn.	0 25	1 27	1 32
10 35	Morn.	0 48	1 12	2 14	2 19
11 37	0 16	1 37	1 59	3 1	3 5
Morn.	1 19	2 25	2 47	3 48	3 50
0 37	2 1	3 12	3 35	4 34	4 35
1 34	2 56	3 59	4 23	5 20	5 19
2 28	3 38	4 47	5 10	6 4	6 3
3 19	4 26	5 35	5 57	6 49	6 49
4 8	5 12	6 23	6 43	7 35	7 37
4 55	5 59	7 10	7 30	8 22	8 28
5 41	6 46	7 57	8 16	9 11	9 23
6 27	7 33		9 2		10 22

and moſt remarkable fixed Stars their Southing is noted in every Month in the Year, by which the Hour of the Night may be readily diſcovered.

The Use of the preceding TABLE *of the Moon's Southing, to find the Time of High-Water, and the Hour of the Night.*

I. To find the Time of High-Water in moſt Parts of ENGLAND.

Take the Time of the Moon's Southing for the Day propoſed, and to that add the Hours and Minutes which ſtand againſt the Place required in the following Table of Sea-Coaſts, and the Sum will be the Time of High-Water at the Place required on that Day.

A Table of the Sea Coaſts.	H.	M.
Portſmouth, Queenborough, Southampton, ——	0	00
Rocheſter, Winchelſea, Fluſhing, —— ——	0	45
Downs, Graveſend, Ramkins, Guernſey, —— ——	1	30
Denbigh, Bell-Iſle, Holy-Iſle, Downs-Road, ——	2	15
London, Tinmouth, Whitby, Hartlepool, ——	3	00
Scarborough, Berwick, Fluſhing, Staples, —— ——	3	45
Flamborough, Humber, Bridlington-Bay, ——	4	30
Plymouth, Ramſay, Newcaſtle, Severn, —— ——	5	15
Lynn, Foſdyke, Hull, Weymouth, Dartmouth, Croſs-Keys,	6	00
Boſton, Start-Point, Foulneſs, Briſtol-Key, ——	6	45
Bridgewater, Milford-Haven, Lizard, Wintertown,	7	30
Yarmouth, Iſle of Wight, the Needles, —— ——	8	15
Iſle of Man, Orkney, Pool, South-Foreland, ——	9	10
Dover, Harwich, Orfordneſs, Bullein, ——	10	10
Rye, Solebay, Margate-Road, —— ——	11	15

II. To find the Hour of the Night by the Shadow of the Moon on a Sun-Dial.

1. When the Shadow falls preciſely on the Hour 12, then the Time of the Moon's Southing, found in the preceding Table, is the exact Time of Night. But in other Caſes,

2. If the Shadow wants of 12, ſee how much it wants of it; which Time, ſubtracted from that of the Moon's Southing, leaves the Time of Night. *Note*, You muſt add 12 Hours to the Moon's Southing, if Need be.

3. If the Shadow has paſt 12, add the Time that it has paſt it to the Time of the Moon's Southing; the Sum will be the Time of Night required; abating 12 Hours from the Sum, if Need be.

The KALENDAR Explain'd.

The LEFT-HAND Pages contain at Top

The New and Full Moons with their Quarters; alſo the Riſing and Setting of *Jupiter* and *Venus* to every ſixth Day.

Below which are SEVEN Columns.

The firſt is the Days of the Month: The ſecond the Days of the Week, *Sundays* being marked with the Dominical Letter for the Year.

The third Column contains the Faſts and Feſtivals of the *Church of England*, and other remarkable Days, as alſo the Hour and Minute of the Sun's Riſing and Setting on certain Days, with other uſeful Particulars.

The fourth is the Nightly Riſing and Setting of the Moon.

The fifth contains the Moon's true Place in Longitude, exactly calculated from New and Correct Tables.

The ſixth contains the Moon's true Declination, for every Day at Noon, in the Meridan of *London*.

The ſeventh contains the Planets Mutual Aſpects and Variation of the Air.

On the Tops of the RIGHT-HAND Pages

Are nine Columns, containing the true Longitude and Declination of *Saturn*, *Jupiter*, *Mars*, and *Venus*, to every 6th Day of the Month.

Below Which

Are four other Columns. The firſt is the Days of the Month.

The Second Column contains the Sun's true Place.

The third is the Sun's Declination.

The fourth Column, under Obſervations, you have the Riſing, Southing, and Setting of *Saturn*, *Mars*, and *Mercury* to certain Days; alſo the Moon's Appulſe to ſome noted fixed Stars, and Planets, with many other uſeful Remarks.

Note. You have the Longitude and Declination of *Mercury* in the Page after *December*.

January 1774.

Last Quarter the 5th day, at 6 at night.
New Moon the 12th day, at 9 in the morn.
First Quarter the 19th day, at 3 in the after.
Full Moon the 27th day, at 7 at night.

Jupiter sets.		Venus sets.	
1	11 A. 21	8 A.	10
7	11 e	8	22
13	10 38	8	33
19	10 17	8	43
25	9 51	8	50

M D	W D.	Holy Days ☉ rises & sets	Moon rises.	Moon's Place.	Moon's Declin.	Aspects and Weather.
1	S	Circumcision.	8 A. 1	20♌16	12 N. 4	Sharp frosty
2	B	2 S. aft. Christ.	9 5	2♍57	8 42	weather.
3	M	Sun rises 8 8	10 15	15 51	4 52	
4	T	Sun sets 3 53	11 26	29 0	0 45	
5	W	Old Christ. Day	Morn.	12♎25	3 S. 30	
6	T	Epiphany.	0 39	26 11	7 37	
7	F		1 53	10♏18	11 28	
8	S	Lucian.	3 9	24 45	14 43	☽ in Perigeo.
9	B	1 S. aft. Epiph.	4 22	9♐29	17 4	Wind and Rain
10	M	Plough-Mond.	5 33	24 27	18 18	□ ♄ ☿
11	T	Day br. 5 53	6 35	9♑27	18 17	
12	W	Old N. Year. da.	☽ sets	24 21	16 57	
13	T	Camb. T. beg.	5 A. 58	9♒ 0	14 33	Hilary. Cold
14	F	Oxf. T. beg.	7 12	23 15	11 22	Winds with frosty
15	S		8 24	7♓ 2	7 36	△ ☉ ♄ (Air.
16	B	2 S. aft. Epiph.	9 35	20 21	3 36	
17	M	O. Twelfth Da.	10 43	3♈15	0 N. 5	□ ♃ ☿
18	T	O. Ch. b. d. kept	11 48	15 47	4 25	
19	W	Sun rises 7 51	Morn.	28 2	8 5	
20	T	Fabian.	0 53	10♉ 5	11 15	
21	F	Agnes.	1 54	21 59	14 3	
22	S		2 52	3♊52	16 12	☽ in Apo. ♂ ☉ ♂
23	B	3 S. aft. Epiph.	3 49	15 45	17 39	Wet and windy
24	M	Term begins	4 44	27 42	18 21	with Snow or
25	T	Conv. St. Paul	5 32	9♋48	18 13	Sleet.
26	W	Sun sets 4 20	6 15	22 0	17 15	✶ ☉ ♃
27	T	Pr. Aug. Fr. bo.	☽ rises	4♌25	15 27	✶ ♃ ♂
28	F		5 A. 40	17 0	12 54	More mild at
29	S	Clock fast 14 m	6 47	29 48	9 36	the End.
30	B	Septuag. Sund.	7 57	12♍48	5 58	K. Cha. I. Mart.
31	M	Twilight 2 0	9 8	25 58	1 54	

Wing.	Days	Saturn. ♑	Declin.	Jupiter. ♈	Declin.	Mars. ♍	Declin.	Venus. ♒	Declin.
	1	26 10	3 N. 32	1 49	0 S. 9	16 14	23 S. 26	28 8	13 S. 21
Jan.	7	26 R 11	3 34	2 35	0 8	20 53	22 48	4 ♓ 28	10 37
	13	26 7	3 36	3 27	0 N. 13	25 34	22 4	10 36	7 49
1774.	19	25 59	3 40	4 24	0 36	0 ♒ 16	21 8	16 26	5 0
	25	25 48	3 46	5 25	1 21	4 58	20 3	21 56	2 9

M. D.	Sun's Place.	Sun's Declin.	Observations.
1	11 ♑ 16	22 S. 59	Saturn rises 35 min. past 10 at night.
B	12 17	22 54	Mars sets 15 min. past 4 at night.
3	13 18	22 48	Seven Stars south 36 min. past 8 at night.
4	14 19	22 42	Day 7 h. 46 min. long.
5	15 21	22 35	Day increased 14 minutes.
6	16 22	22 28	
7	17 23	22 20	Saturn rises 9 min. past 10 at night.
8	18 24	22 12	
B	19 25	22 4	Venus's greatest vespertine Elong. from the Sun 47° 8′, sets 4 h. 24 min. after him. 10th Day.
10	20 26	21 55	
11	21 27	21 45	Mercury's greatest matutine Elong. from the Sun 23° 44′, rises 1 h. 38m. before him.
12	22 29	21 35	
13	23 30	21 25	
14	24 31	21 15	Saturn rises 38 m. past 9 at night.
15	25 32	21 4	Seven Stars south 43 m. past 7 at night.
B	26 33	20 52	Day 8 h. 10 min. long.
17	27 34	20 40	Day increased 38 min.
18	28 35	20 28	
19	29 36	20 16	Sun enters ♒ 17 min. past 9 at night.
20	♒ 38	20 3	
21	1 38	9 49	Saturn rises 8 min. past 9 at night.
22	2 39	19 36	Mercury rises 34 min. past 6 in the morn.
B	3 40	19 21	Day 8 h. 30 min. long.
24	4 41	19 7	Day increased 58 min.
25	5 42	18 52	
26	6 43	18 37	Saturn rises 47 m. past 8 at night.
27	7 44	18 21	Mercury rises 43 m. past 6 in the morn.
28	8 45	18 6	Rigel south 17 m. after 8 at night.
29	9 46	17 50	
B	10 47	17 33	
31	11 48	17 16	

March 1774.

Last Quarter the 5th day, at 10 in the morn.
New Moon the 12th day, at 10 in the morn.
First Quarter the 20th day, at 9 in the morn.
Full Moon the 27th day, at 11 at night.

Days	Jupiter sets.	Venus sets.
1	8 A 21	8 A 38
7	8 7	8 16
13	7 53	7 44
19	7 38	7 2
25	7 25	rises.

M. D.	W. D.	Holy Days, ☉ rises & sets.	Moon rises.	Moon's Place.	Moon's Declin.	Aspects and Weather.
1	T	David.	9 A. 22	19 ♎ 33	5 S. 23	
2	W	Chad.	10 38	3 ♏ 31	9 24	
3	T	Day br. 4 39	11 52	17 36	12 55	
4	F	Clock fast 12 m.	Morn.	1 ♐ 46	15 40	☽ in Perigeo.
5	S		1 5	15 57	17 29	
6	B	3 Sund. in Lent.	2 11	0 ♑ 8	18 13	Wind and cold
7	M	Sun rises 6 26	3 9	14 19	17 50	rain.
8	T	Sun sets 5 36	3 57	28 24	16 17	
9	W		4 40	12 ♒ 18	13 54	
10	T	Twilight 1 57	5 16	26 10	10 38	
11	F	Day br. 4 21	5 47	9 ♓ 45	6 53	
12	S	Gregory.	☽ sets	23 5	2 52	
13	B	Midlent-Sund.	7 A 15	6 ♈ 8	1 N. 14	♂ ☉ ♄. Sharp
14	M		8 21	18 55	5 11	air with froſt.
15	T	Sun rises 6 10	9 25	1 ♉ 26	8 50	♂ ♀ ☿
16	W	Sun sets 5 52	10 29	13 41	12 0	
17	T	St. Patrick.	11 31	25 47	14 37	
18	F	Edw. K. W. Sax.	Morn.	7 ♊ 45	16 33	☽ in Apogeo.
19	S		0 29	19 39	17 47	♂ ♆ ☿
20	B	5 Sund. in Lent.	1 22	1 ♋ 33	18 15	
21	M	Benedict.	2 7	13 31	17 54	Chang. weather
22	T	Clock fast 7 m.	2 52	25 40	16 43	now about.
23	W	Day br. 3 55	3 30	8 ♌ 1	14 45	♂ ☉ ♀
24	T		4 3	20 40	12 1	
25	F	Lady-day.	4 34	3 ♍ 28	8 38	Camb. T. ends.
26	S	Cxf. T. ends.	5 3	17 0	4 44	☌ ♄ ♂
27	B	Palm-Sunday.	☽ rises	0 ♎ 42	0 37	
28	M		7 A. 15	14 44	3 S. 52	Wet and windy
29	T	Sun rises 5 42	8 30	29 1	8 10	
30	W	Sun sets 6 20	9 47	13 ♏ 28	11 58	
31	T	Maunday-Th.	11 2	28 0	15 3	

Wing.	Days	Saturn. ♑ R.	Declin.	Jupiter. ♈	Declin.	Mars. ♓	Declin.	Venus. ♈	Declin.
	1	23 43	4N.42	12 31	3N 55	2 33	11 S.34	11 2	11N 35
Mar.	7	23 16	4 53	13 53	4 28	7 17	9 51	10 30	12 12
1774.	13	22 47	5 5	15 16	5 1	12 0	8 2	8 29	10 57
	19	22 19	5 17	16 40	5 34	16 42	6 12	5 16	9 52
	25	21 51	5 28	18 5	6 6	21 24	4 21	1 32	7 57

M. D.	Sun's Place.	Sun's Declin.	Observations.
1	11 ♓ 2	7 S.26	Saturn rises 23 min. after 6 at night.
2	12 2	7 3	Mars rises 23 min. past 6 in the morn.
3	13 2	6 40	Pollux south 33 min. past 8 at night.
4	14 2	6 17	
5	15 2	5 54	Day 11 hours long.
B 6	16 2	5 31	Day increased 3 hours 30 min.
7	17 2	5 8	Saturn rises 59 min. past 5 at night.
8	18 2	4 44	
9	19 2	4 21	Hydra's Heart south 56 m. past 9 at night.
10	20 2	3 57	Day 11 hours 20 min. long.
11	21 2	3 34	Day increased 3 hours 50 min.
12	22 1	3 10	
B 13	23 1	2 47	Regulus south 21 m. past 10 at night
14	24 1	2 23	Mars rises 55 min. past 5 in the morn.
15	25 ♉	1 59	Mercury sets 23 min. past 7 at night.
16	26 ♉	1 36	
17	27 ♉	1 12	Day 11 hours 48 min. long.
18	27 59	0 48	Day increased 4 hours 18 minutes.
19	28 59	0 25	
B 20	29 58	0 1	Sun enters ♈ 44 min. past noon.
21	♈ 58	0N 23	Hydra's Heart south 11 m. past 9 at night.
22	1 57	0 46	Saturn sets 2 min. after 6 in the morn.
23	2 56	1 10	
24	3 56	1 34	Mercury's greatest vespertine Elong. from
25	4 55	1 57	the Sun 18° 40′, sets 1 h. 53m. after him.
26	5 54	2 21	
B 27	6 54	2 44	Regulus south 29 min. past 9 at night.
28	7 53	3 8	Day 12 hours 32 min. long.
29	8 52	3 31	Day increased 5 hours 2 min.
30	9 51	3 54	
31	10 50	4 17	

April 1774.

☾ Quarter the 3d day, at 5 in afternoon.
● Moon the 10th day, at midnight.
☽ Quarter the 19th day, at 3 in the morn.
○ Moon the 26th day, at 10 in the morn.

Day	Jupiter sets.	Venus rises.
1	7 A. 8	4 M 27
7	6 56	4 6
13	rises	3 56
19	4 M 55	3 41
25	4 34	3 28

W D.	Holy Days. ☉ rises & sets.	Moon rises.	Moon's Place.	Moon's Declin.	Aspects and Weather.
F	Good-Friday.	Morn.	12 ♑ 29	17 S. 11	☽ in Perigeo.
S	Day br. 3 31	0 13	26 52	18 10	♂ ☌ ♀
3	Easter-Sunday.	1 12	11 ♒ 5	18 4	Richard.
4	Easter-Mond.	2 5	25 7	16 50	Brisk winds,
T	Easter-Tuesd.	2 48	8 ♓ 54	14 36	Old Lady Day.
W		3 25	22 30	12 36	but mostly fair.
T	Sun rises 5 25	3 57	5 ♈ 54	8 1	
F	Sun sets 6 37	4 26	19 5	4 6	
S	Clock fast 2 m.	4 51	1 ♉ 58	0 5	
3	Low-Sunday	5 15	14 43	3 N. 54	
4		☽ sets	27 15	7 41	☌ ☉ ☿ ☌ ♃ ☿
T	Twilight 2 11	8 A. 52	9 ♉ 36	11 2	☌ ☉ ♃. Some
W	Oxf. & Cam. T. beg.	9 27	21 47	13 54	fruitful showers
T	Day br. 2 59	10 27	3 ♊ 49	16 4	
F	Sun rises 5 5	11 22	15 44	17 34	☽ in Apogeo.
S	Sun sets 6 53	Morn.	27 37	18 17	
3	2 S. aft. Easter.	0 12	9 ♋ 30	18 12	
1		0 56	21 26	17 20	
	Alphege.	1 34	3 ♌ 32	15 38	
W	Term begins.	2 10	15 51	13 13	
		2 47	28 28	10 8	
	Clock slow 2 m.	3 9	11 ♍ 27	6 28	
	St. George.	3 37	24 52	2 21	
	3 S. aft. Easter.	4 3	8 ♎ 43	2 S. 8	
	St. Mark.	4 33	23 0	6 26	☌ ♂ ☿
		☽ rises	7 ♏ 40	10 33	Fair and plea-
	Day br. 2 19	8 A. 49	22 34	14 4	sant.
	Sun rises 4 45	10 3	7 ♐ 34	16 40	
	Sun sets 7 16	11 12	22 29	18 8	☽ in Perigeo.
		Morn.	7 ♑ 12	18 21	

Ning.	Day.	Saturn.		Jupiter.		Mars.		Venus.	
		R	Declin.	♈	Declin.	♓	Declin.	♈	Declin.
	1	23 43	4N.42	12 31	3N 55	2 33	11 S.34	11 2	11N 3
Mar.	7	23 16	4 53	13 53	4 28	7 17	9 51	10 & 30	11 1
	13	22 47	5 5	15 16	5 1	12 0	8 .2	8 29	10 57
1774.	19	22 19	5 17	16 40	5 34	16 42	6 12	5 16	9 52
	25	21 51	5 28	18 51	6 6	21 24	4 21	1 32	7 57

M. D.	Sun's Place.		Sun's Declin.	Obſervations.
1	11 ♓	2	7 S.26	Saturn riſes 23 min. after 6 at night.
2	12	2	7 3	Mars riſes 23 min. paſt 6 in the morn.
3	13	2	6 40	Pollux ſouth 33 min. paſt 8 at night.
4	14	2	6 17	
5	15	2	5 54	Day 11 hours long.
B	16	2	5 31	Day increaſed 3 hours 30 min.
7	17	2	5 8	Saturn riſes 59 min. paſt 5 at night.
8	18	2	4 44	
9	19	2	4 21	Hydra's Heart ſouth 56 m. paſt 9 at night.
10	20	2	3 57	Day 11 hours 20 min. long.
11	21	2	3 34	Day increaſed 3 hours 50 min.
12	22	1	3 10	
R	23	1	2 47	Regulus ſouth 21 m. paſt 10 at night
14	24	1	2 23	Mars riſes 55 min. paſt 5 in the morn.
15	25	♉	1 59	Mercury ſets 23 min. paſt 7 at night.
16	26	♉	1 36	
17	27	♉	1 12	Day 11 hours 48 min. long.
18	27	59	0 48	Day increaſed 4 hours 18 minutes.
19	28	59	0 25	
B	29	58	0 1	Sun enters ♈ 44 min. paſt noon.
21	♈	58	0N 23	Hydra's Heart ſouth 11 m. paſt 9 at night.
22	1	57	0 46	Saturn ſets 2 min. after 6 in the morn.
23	2	56	1 10	
24	3	56	1 34	Mercury's greateſt veſpertine Elong. from
25	4	55	1 57	the Sun 18° 40', ſets 1 h. 53m. after him.
26	5	54	2 21	
R	6	54	2 44	Regulus ſouth 29 min. paſt 9 at night.
28	7	53	3 8	Day 12 hours 32 min. long.
29	8	52	3 31	Day increaſed 5 hours 2 min.
30	9	51	3 54	
31	10	50	4 17	

May 1774.

Laſt Quarter the 2d day, at midnight.
New Moon the 10th day, at 3 in the aftern.
Firſt Quarter the 18th day, at 7 at night.
Full Moon the 25th day, at 5 in the aftern.

Days	Jupiter riſes.	Venus riſes.
1	4 M 13	3 M 16
7	3 52	3 7
13	3 32	2 55
19	3 12	2 43
25	2 52	2 30

M.	W. D.	Holy Days. ☉ riſes & ſets.	Moon riſes.	Moon's Place.	Moon's Declin.	Aſpects and Weather.
1	B	4 S. aft. Eaſter.	0 M. 9	21 ♍ 37	17 S. 23	St. Phil. & Jam.
2	M	Day br. 2′ 2	0 56	5 ♎ 41	15 22	
3	T	Inv. of the Croſs	1 36	19 25	12 30	
4	W	Twilight 2 42	2 9	2 ♐ 50	9 1	Wind and ſome
5	T		2 37	15 53	5 11	ſhowers.
6	F	St John, A. P. L.	3 3	28 45	1 10	
7	S	Clock ſlow 4 m.	3 27	11 ♑ 25	2 N 50	
8	B	Rogat.-Sund.	3 51	23 50	6 38	
9	M	Sun riſes 4 26	4 17	6 ♒ 8	10 8	
10	T	Sun ſets 7 36	☽ ſets	18 17	13 9	△ ☉ ♄
11	W		8 A. 24	0 ♓ 20	15 35	
12	T	Holy Thurſd.	9 19	12 18	17 20	Old May Day.
13	F	Day br. 1 19	10 11	24 11	18 17	☽ in Apo. 12 day
14	S		10 58	6 ♈ 2	18 28	☌ ☿ ♂. Fair
15	B	6 S. after Eaſter	11 39	17 54	17 50	and pleaſant.
16	M	Term ends.	Morn.	29 50	16 26	☌ ♃ ☿
17	T	Sun riſes 4 15	0 14	11 ♉ 54	14 16	☌ ♂ ☿
18	W	Sun ſets 7 47	0 45	24 10	11 27	
19	T	Q. Charl. born	1 14	6 ♊ 42	8 2	Oxf. T. ends.
20	F	Clock ſlow 4 m.	1 38	19 36	4 9	Warm winds &
21	S		2 5	2 ♋ 57	0 S. 6	gentle ſhowers.
22	B	Whit-Sunday.	2 33	16 47	4 26	Mrs. Eliz. born.
23	M	Monday.	3 ☾	1 ♌ 8	8 43	
24	T	Tueſday.	3 33	15 52	12 34	
25	W	Ember Week.	☽ riſes	0 ♏ 59	15 43	
26	T	Auguſtin, A. B.	8 A. 54	16 19	17 47	☽ in Perigeo.
27	F	Ven. Bede.	9 58	1 ♍ 34	18 33	Windy and
28	S		10 52	16 39	18 3	wet.
29	B	Trinity Sunday	11 36	1 ♎ 20	16 19	K. Ch. II. Reſt.
30	M	Sun riſes 3 59	Morn.	15 36	13 36	
31	T	Sun ſets 8 [illegible]	0 11	29 25	10 10	

Wing.	☉ ♒	Saturn ♑	Decl.	Jupiter ♈	Dec.	Mars ♈	Dec.	Venus ♈	Dec.
	1	19 42	6N 14	26 58	9N 23	19 56	7N 5	0 22	0N 54
May,	7	19 31	6 17	28 22	9 53	24 29	8 48	4 5	1 35
1774.	13	19 24	6 20	29 46	10 23	28 59	10 29	8 28	2 41
	19	19 22	6 21	1 ♓ 9	10. 52	3 ♓ 28	12 6	12 20	4 0
	25	19 0.21	6 0	2 29	11 20	7 55	13 37	18 30	5 34

M D	Sun's Place.	Sun's Declin.	Observations.
♉	11 ♉ 6	15 N 11	Saturn sets 32 min. past 5 in the morning.
2	12 4	15 28	Mars rises 58 min. after 3 in the morning.
3	13 2	15 46	Day 14 hours 48 minutes long.
4	14 0	16 3	Day increased 7 hours 18 minutes.
5	14 58	16 21	Arcturus south 14 min. after 11 at night.
6	15 56	16 38	
7	16 54	16 54	Saturn sets 8 min. past 3 in the morning.
♉	17 52	17 11	Mars rises 43 min. after 3 in the morning.
9	18 50	17 27	Mercury's greatest Matutine Elong. from
10	19 48	17 42	the Sun 25° 57′, rises 33 m. before him.
11	20 46	17 58	
12	21 44	18 13	Day 15 hours 18 minutes long.
13	22 42	18 28	Arcturus south 43 min. past 10 at night.
14	23 40	18 42	Day increased 7 hours 48 minutes.
♉	24 37	18 57	
16	25 35	19 11	Saturn sets 32 min. past 2 in the morning.
17	26 33	19 24	Mars rises 47 min. past 2 in the morn.
18	27 30	19 37	Day 15 hours 34 minutes long.
19	28 28	19 50	Day increased 8 hours 2 minutes.
20	29 26	20 3	
21	♊ 23	20 15	Sun enters ♊, 16 m. after 2 in the morning.
♉	1 21	20 27	Scorpion's heart south 17 m. past midnight.
23	2 19	20 39	
24	3 16	20 50	Saturn sets 58 min. past 1 in the morn.
25	4 14	21 1	Mars rises 59 min. after 2 in the morning.
26	5 11	21 11	Day 15 hours 54 minutes long.
27	6 9	21 21	
28	7 6	21 31	Day increased 8 hours 24 minutes.
♉	8 4	21 41	Lyra south 6 min. after 2 in the morn.
30	9 1	21 50	
31	9 59	21 58	

June, 1774.

Laſt Quarter the 1ſt day, at 8 in the morning.
New Moon the 9th day, at 6 in the morning.
Firſt Quarter the 17th day, at 7 in the morning.
Full Moon the 23d day, at midnight.
Laſt Quarter the 30th day, at 7 at night.

Days	Jupiter riſes.	Venus riſes.
1	2M28	2M16
7	2 6	2 4
13	1 44	1 54
19	1 27	1 42
25	1 0	1 31

M D	W D	Holy-Days. ☉ riſes & ſets.	Moon riſes.	Moon's Place.	Moon's Declin.	Aſpects and Weather.
1	W	Ox. T. begins.	oM42	12♓48	6S20	Nicomede.
2	T	Corpus Chriſti	1 6	25 49	2 18	Briſk winds, but
3	F	Term begins.	1 31	8♈31	1N45	moſtly fair.
4	S	K. Geo. III. b.	1 55	20 57	5 38	
5	B	1 S. after Trin.	2 19	3♉13	9 14	Pr. Ern. Aug. bo.
6	M		2 45	15 19	12 24	
7	T	Sun riſes 3 53	3 16	27 21	15 1	
8	W	Sun ſets 8 8	3 48	9♊27	16 59	
9	T		☽ ſets	21 10	18 10	☽ in Apogeo.
10	F	Prs. Amelia b.	8A54	3♋2	18 27	Fair and hot
11	S	St. Barnabas.	9 35	14 54	18 14	□ ☉ ♄ △ ♄ ♂
12	B	2 S. aft. Trin.	10 12	26 48	17 3	♂ ♃ ♀ about
13	M		10 45	8♌46	15 1	this time.
14	T	Sun riſes 3 49	11 15	20 52	12 29	
15	W	Sun ſets 8 11	11 40	3♍10	9 16	
16	T	Clo. with ſun.	Morn.	15 40	5 35	
17	F	St. Alban.	0 6	28 31	1 36	
18	S		0 31	11♎46	2S39	Some gentle
19	B	3 S. aft. Trin.	0 57	25 28	6 54	ſhowers.
20	M	Tr. Ed. K W S.	1 25	9♍40	10 54	
21	T	Longeſt Day.	1 59	24 19	14 21	✶ ♃ ☿
22	W	Term ends.	2 39	9♐23	16 57	
23	T		3 28	24 42	18 24	
24	F	St. John Bapt.	☽ riſes	10♑5	18 31	☽ in Perigeo.
25	S	Cl. faſt 2 m.	9A23	25 18	17 17	Cold breezes
26	B	4 S. aft. Trin.	10 4	10♒12	14 55	with ſome flying
27	M		10 37	24 40	11 39	ſhowers.
28	T	Sun riſes 3 49	11 6	8♓38	7 50	
29	W	St. Peter.	11 31	22 8	3 42	✶ ☿ ☿
30	T	Sun ſets 8 10	11 57	5♈11	oN26	

Wing.	Days	Saturn ♄	Decl.	Jupiter ♃	Dec.	Mars ♂	Dec.	Venus ♀	Dec.
	1	19 27	6N 17	4 11	1 N 51	13 4	15 N 17	25 8	7 N 33
June,	7	19 35	6 13	5 20	2 15	17 26	16 39	1 18	9 28
1774.	13	47	6 8	6 30	2 39	21 47	17 53	7 3	11 25
	19	20 3	6 1	7 41	3 2	26 5	19 1	13 18	13 17
	25	20 21	5 51	8 49	3 24	0 ♊ 22	20 2	19 42	15 5

M D	Sun's Place.		Sun's Declin.		Observations.
1	10 ♊	56	22 N	7	Venus's greateſt Matutine Elong. from the
2	11	54	22	14	Sun 45° 48′ riſes 1h. 37m. before him.
3	12	51	22	23	
4	13	48	22	29	Saturn ſets 14 min. paſt 1 in the morning.
5	14	46	22	36	Mars riſes 32 min. after 2 in the morn.
6	15	43	22	42	Scorpion's heart ſouth 16m. paſt 11 at night.
7	16	40	22	48	
8	17	38	22	53	Day 16 hours 16 minutes long.
9	18	35	22	58	Day increaſed 8 hours 44 minutes.
10	19	32	23	3	Saturn ſets 12 min. before 1 in the morn.
11	20	30	23	7	
12	21	27	23	11	Lyra ſouth 9 min. paſt 1 in the morn.
13	22	24	23	15	Mars riſes 54 min. after 1 in the morn.
14	23	22	23	18	
15	24	19	23	21	Day 16 hours 22 minutes long.
16	25	16	23	23	Day increaſed 8 hours 50 minutes.
17	26	13	23	25	Scorpion's heart ſouth 30 m. paſt 10 at night.
18	27	11	23	26	
19	28	8	23	27	Saturn ſets 48 min. before 1 in the morn.
20	29	5	23	28	Mars riſes 55 min. after 1 in the morn.
21	♋	2	23	28	Sun enters ♋ 1 min. paſt 11 in the morn.
22	1	0	23	28	
23	1	57	23	27	Day 16 hours 24 minutes long.
24	2	54	23	26	Day decreaſed 2 minutes.
25	3	51	23	25	Saturn ſets 43 min. paſt 11 at night.
26	4	48	23	23	
27	5	46	23	20	Mars riſes 39 min. paſt 1 in the morn.
28	6	43	23	18	Lyra ſouth 58 min. paſt 11 at night.
29	7	40	23	15	Day 16 hours 22 minutes long.
30	8	37	23	11	Day decreaſed 6 minutes.

Day	Jupiter rises.	Venus rises.
1	0 ♍ 36	1 M 23
7	0 13	1 17
13	11 A 47	1 12
19	11 23	1 8
25	11 1	1 10

New Moon the 8th day, at 9 at night.
First Quarter the 16th day, at 5 in the after.
Full Moon the 23d day, at 7 in the morn.
Last Quarter the 30th day, at 8 in the morn.

M D	W D	Holy-Days. ☉ rises & sets.	Moon rises.	Moon's Place.	Moon's Declin.	Aspects and Weather.
1	F		Morn.	17 ♈ 53	4 N 30	Hot sultry wea-
2	S	V. B. V. Mary.	0 21	0 ♉ 17	8 12	✱ ☉ ♃ ther.
3	B	5 S. aft. Trin.	0 47	12 27	11 30	
4	M		1 14	24 29	14 18	
5	T	Camb. Com.	1 46	6 ♊ 24	16 28	O. Midsum. day.
6	W	Cl. fast 4 m.	2 18	18 17	17 55	☽ in Apogeo.
7	T	Tho. à Becket.	3 0	0 ♋ 9	18 34	
8	F	Cam. T. ends.	☽ sets 12 1	18 25	✱ ♂ ♅	
9	S		8 A 11	23 56	17 29	□ ♃ ♅
10	B	6 S. aft. Trin.	8 44	5 ♌ 56	15 45	
11	M	Oxford Act.	9 14	18 2	13 17	Warm gleams
12	T	Sun rises 3 58	9 41	0 ♍ 16	10 14	with some
13	W	Sun sets 8 1	10 5	12 40	6 43	thunder.
14	T		10 30	25 17	2 49	✱ ☉ ♄
15	F	St. Swithin.	10 54	8 ♎ 11	1 S 17	
16	S	Oxf. T. ends.	11 21	21 25	5 27	
17	B	7 S. aft. Trin.	11 51	5 ♏ 2	9 26	Good weather
18	M		Morn.	19 2	13 4	for the season.
19	T	Cl. fast 6 min.	0 29	3 ♐ 28	15 54	
20	W	Margaret.	1 11	18 15	17 49	☽ in Perigeo.
21	T	Sun rises 4 8	2 4	3 ♑ 19	18 35	♂ ☌ ♀
22	F	Q. Denm. bo.	3 8	18 29	18 0	St. Mary Mag.
23	S	Sun sets 7 50	☽ rises.	3 ♒ 36	16 9	
24	B	8 S. aft. Trin.	8 A 31	18 29	13 13	Some hasty
25	M	St. James.	9 3	3 ♓ 0	9 33	showers.
26	T	St. Anne.	9 31	17 4	5 25	
27	W		9 58	0 ♈ 41	1 10	□ ♄ ♂
28	T	Day break 1 4	10 23	13 50	3 N 1	
29	F	Twilight 3 5	10 48	26 35	6 55	
30	S	Dog-days beg.	11 14	9 ♉ 2	10 29	
31	B	9 S. aft. Trin.	11 43	21 15	13 23	

Wing.	Day	Saturn ♑	Decl.	Jupiter ♉	Dec.	Mars ♊	Dec.	Venus ♓	Dec.
July, 1774.	1	20 43	5 N41	9 52	13 N44	4 35	20 N56	26 11	16 N47
	7	21 8	5 30	10 53	14 2	8 47	21 42	2 ♊ 48	18 30
	13	21 36	5 19	11 49	14 18	12 56	22 22	9 28	19 39
	19	22 6	5 6	12 41	14 33	17 3	22 55	16 16	20 43
	25	22 39	4 52	13 28	14 45	21 7	23 19	23 6	21 29

M	D	Sun's Place.	Sun's Declin.	Observations.
	1	9 ♌ 34	23 N 7	Saturn sets 19 min. past 11 at night.
	2	10 32	23 3	Mars rises 28 min. past 1 in the morn.
B.	3	11 29	22 58	
	4	12 26	22 53	Day 16 hours 16 min. long.
	5	13 23	22 48	Day decreased 10 minutes.
	6	14 20	22 42	Atair south 35 min. past midnight.
	7	15 18	22 35	
	8	16 15	22 29	Saturn sets 51 min. after 10 at night.
	9	17 12	22 23	Mars rises 15 min. past 1 in the morn.
B.	10	18 9	22 14	Lyra south 9 min. after 11 at night.
	11	19 7	22 6	Day 16 hours 6 minutes long.
	12	20 4	21 58	
	13	21 1	21 49	Saturn sets 32 min. past 10 at night.
	14	21 58	21 40	Day decreased 26 minutes.
	15	22 56	21 31	
	16	23 53	21 21	Mars rises 3 min. past 1 in the morn.
B.	17	24 50	21 11	Atair south 50 min. after 11 at night.
	18	25 47	21 1	Mercury sets 3 min. past 9 at night.
	19	26 45	20 50	
	20	27 42	20 39	Mercury's greatest Vespertine Elong. from
	21	28 39	20 27	the sun 27° 4′, sets 1 h. 3 m. after him 21st day.
	22	29 37	20 15	Sun enters ♌ 51 min. past 9 at night.
	23	♌ 34	20 3	
B.	24	1 31	19 51	Atair south 22 min. past 11 at night.
	25	2 28	19 38	Saturn sets 45 min. past 9 at night.
	26	3 26	19 25	Mars rises 13 min. before 1 in the morn.
	27	4 23	19 11	
	28	5 21	18 57	Day 15 hours 24 minutes long.
	29	6 18	18 43	Fomalhaut south 12 m. past 2 in the morn.
	30	7 15	18 29	Day decreased 1 hour 8 minutes.
B.	31	8 13	18 4	

August, 1774.

New Moon, the 7th day, at noon.
First Quarter the 14th day, at midnight.
Full Moon the 21st day, at 3 in the afternoon.
Last Quarter the 28th day, at midnight.

	Jupiter rises.	Venus rises.
1	10 A 38	2 M 13
7	10 15	2 27
13	9 53	2 26
19	9 31	2 38
25	9 11	2 55

M D	W D	Holy-Days. ☉ rises & sets.	Moon rises.	Moon's Place.	Moon's Declin.	Aspects and Weather.
1	M	Lammas-day.	Morn.	♑ 11 14	15 N 48	
2	T	Sun rises 4 25	0 19	15 8	17 28	
3	W	Sun sets 7 33	0 58	27 0	18 22	☽ in Apogeo.
4	T		1 42	8 ♒ 52	18 29	
5	F	Day br. 1 40	2 32	20 48	17 46	
6	S	Transfigurat.	3 28	2 ♌ 49	16 17	Wind and some
7	B	10 S. aft. Trin.	☽ sets	14 58	14 2	showers.
8	M	Clock fast 5m	7 A 46	27 15	11 ☾	
9	T		8 11	9 ♍ 44	7 40	
10	W	St. Laurence	8 37	22 16	3 51	
11	T	Pr. Brunsw. b.	9 2	5 ♎ 15	0 S 14	
12	F	Pr. of Wales b.	9 28	18 21	4 23	Old Lammas-d.
13	S		9 57	1 ♏ 43	8 22	✶ ♃ ☿
14	B	11 S. aft. Trin.	10 30	15 21	12 ☾	
15	M	Assump. BVM	11 10	29 17	15 1	Moderate
16	T	Pr. Frederick b.	11 55	13 ♐ 29	17 12	weather.
17	W	Sun rises 4 50	Morn.	27 58	18 21	☽ in Perigeo.
18	T	Sun sets 7 8	0 52	12 ♑ 37	18 8	☌ ☉ ☿
19	F		1 57	27 22	17 1	
20	S	Day br. 3 38	3 9	12 ♒ 7	14 36	
21	B	12 S. aft. Trin.	☽ rises.	26 44	11 15	Pr. W. Hen. born.
22	M	Twilight 2 21	7 A 33	11 ♓ 4	7 10	✶ ♄ ♀ Flying
23	T		8 2	25 4	3 0	clouds but mostly
24	W	St. Bartholo.	8 27	8 ♈ 40	1 N 19	fair.
25	T	Sun rises 5 5	8 53	21 52	5 20	
26	F	Sun sets 6 53	9 21	4 ♉ 41	9 20	
27	S		9 50	17 11	12 25	
28	B	13 S. aft. Trin.	10 24	29 25	15 1	St. Augustine.
29	M	Dec. S. J. Bapt.	11 2	11 ♊ 27	16 56	
30	T	Day br. 3 2	11 41	23 23	18 5	☽ in Apogeo.
31	W		Morn.	5 ♋ 15	18 27	

Wing	Day	Saturn ♑	Decl.	Jupiter ♉	Dec.	Mars ♊	Dec.	Venus ♒	Decl.
	1	23 29	4N 36	14 15	14N 58	25 49	23N 38	1 11	22 N
Aug.	7	23 57	4 21	14 50	15 7	29 48	23 46	8 9	22
1774.	13	24 36	4 5	15 19	15 15	3 28	15 23	15 12	21 4
	19	25 16	3 49	15 41	15 21	7 39	23 43	22 18	21 1
	25	25 58	3 32	15 57	15 24	11 30	23 37	29 26	20 1

M D	Sun's Place.	Sun's Declin.	Observations.
1	9♌ 10	17N 59	Saturn sets 19 min. after 9 at night.
2	10 8	17 44	Mars rises 22 min. before 1 in the morn.
3	11 5	17 28	
4	12 3	17 12	Lyra south 30 min. past 9 at night.
5	13 0	16 56	Day 15 hours long.
6	13 58	16 39	Day decreased 1 hour 3 min.
B	14 55	16 23	
8	15 53	16 6	Saturn sets 53 min. past 8 at night.
9	16 51	15 48	Mars rises 31 min. before 1 in the morn.
10	17 48	15 31	Atair south 16 min. past 10 at night.
11	18 46	15 13	Markab south 30 min. after 1 in the morn.
12	19 43	14 55	
13	20 41	14 37	Saturn sets 34 min. past 8 at night.
B	21 39	14 19	Mars rises 36 min. before 1 in the morn.
15	22 36	14 0	Day 14 hours 26 min. long.
16	23 34	13 41	Day decreased 2 hours 4 min.
17	24 32	13 22	
18	25 30	13 2	Atair south 47 min. past 9 at night.
19	26 28	12 43	Saturn sets 12 min. after 8 at night.
20	27 25	12 23	Mars rises 41 min. before 1 in the morn.
B	28 23	12 3	Fomalhaut south 41 min. past midnight.
22	29 21	11 43	
23	♍ 19	11 23	Sun enters ♍ 7 min. past 4 in the morn.
24	1 17	11 2	Day 13 hours 54 min. long.
25	2 15	10 40	Day decreased 2 hours 36 min.
26	3 13	10 20	Atair south 17 min. after 9 at night.
27	4 11	9 59	
B	5 9	9 37	Saturn sets 42 min. past 7 at night.
29	6 7	9 16	Mars rises 45 min. before 1 in the morn.
30	7 5	8 55	
31	8 3	8 33	

September, 1774.

New Moon the 6th day, at 2 in the morn.
First Quarter the 13th day, at 6 in the morn.
Full Moon the 20th day, at 1 in the morn.
Last Quarter the 27th day, at 7 at night.

Day	Jupiter rises.	Venus rises.
1	8 A 46	2 M 14
7	8 23	2 31
13	8 1	2 52
19	7 40	3 12
25	7 19	3 35

M	W	Holy-Days.	Moon	Moon's	Moon's	Aſpects and
D	D	☉ riſes & ſets.	riſes.	Place.	Declin.	Weather.
1	T	Giles.	0 M 30	17 ♎ 9	18 N 2	✶ ♃ ♂ Rain and
2	F	London burnt,	1 24	29 .7	16 47	wind.
3	S	1666, O. S.	2 25	11 ♏ 14	14 45	
4	B	14 S. aft. Trin.	3 27	23 33	12 2	
5	M		4 32	6 ♐ 4	8 43	
6	T	Sun riſes 5 28	☽ ſets	18 49	4 56	Fair and pleaſant
7	W	Dog-days end.	7 A 15	1 ♑ 50	0 52	about this time.
8	T	Nat. B. V. M.	7 41	15 5	3 S 20	△ ☉ ♃ □ ♅ ♀
9	F	Sun ſets 6 26	8 9	28 33	7 26	
10	S		8 40	12 ♒ 14	11 11	
11	B	15 S. aft. Trin	9 16	26 5	14 22	
12	M	Day br. 3 35	10 1	10 ♓ 6	16 45	
13	T	Cl. flow 4 m.	10 52	24 13	18 8	☽ in Perigeo.
14	W	Holy-Croſs-Day.	11 53	8 ♈ 27	18 27	Ember Week.
15	T	Twilight 2 4	Morn.	22 45	17 33	
16	F		1 2	7 ♉ 3	15 32	
17	S	Lambert.	2 15	21 17	12 34	
18	B	16 S. aft. Trin.	3 29	5 ♊ 28	8 53	Windy though
19	M	Sun riſes 5 53	4 44	19 27	4 44	not much wet.
20	T	Sun ſets 6 5	☽ riſes	3 ♋ 10	0 26	✶ ☉ ♂
21	W	St. Matthew.	7 A 3	16 36	3 N 50	
22	T	K. Geo. III. cr.	7 29	29 43	7 46	☌ ☉ ♄
23	F		7 58	12 ♌ 31	11 16	✶ ♄ ♂
24	S	Day br. 4 3	8 30	25 1	14 12	
25	B	17 S. aft. Trin.	9 8	7 ♍ 16	16 23	
26	M	St. Cyprian.	9 46	19 19	17 49	☌ ♄ ♅
27	T	Sun riſes 6 9	10 32	1 ♎ 15	18 28	☽ in Ap. ✶ ♂ ♅
28	W	Sun ſets 5 49	11 22	13 7	18 19	Some ſhowers
29	T	St. Michael.	Morn.	25 1	17 19	Prs. Char. Aug. b.
30	F	St. Jerom.	0 18	7 ♏ 1	15 34	☌ ☉ ♅ at the end

Wing.	Day	Saturn ♑	Decl.	Jupiter ♉	Dec.	Mars ♋	Dec.	Venus ♌	Dec.
Sept.	1	26 48	3 N 11	16 6	15 N 26	15 56	23 N 10	7 49	18 N 33
	7	27 31	2 54	16♑ 6	15 24	19 41	22 45	15 3	16 45
1774.	13	28 15	2 37	15 59	15 22	23 23	22 15	22 20	14 47
	19	29 0	2 20	15 45	15 18	27 2	21 40	29 38	12 35
	25	29 46	2 2	15 24	15 11	0♌37	21 1	7♍ 0	10 3

M D	Sun's Place.		Sun's Declin.		Obſervations.
1	9♍	1	8 N	12	Day 13 hours 24 min. long.
2	10	0	7	50	Day decreaſed 3 hours 6 minutes.
3	10	58	7	28	
B 4	11	56	7	6	Mercury's greateſt Matutine Elong. from the
5	12	54	6	44	Sun 17° 54′, riſes 1 h. 39 m. before him.
6	13	53	6	21	
7	14	51	5	58	Saturn ſets 7 min. paſt 7 at night.
8	15	49	5	36	Mars riſes 49 min. before 1 in the morn.
9	16	48	5	13	Markab ſouth 40 min. paſt 11 at night.
10	17	46	4	51	
B 11	18	44	4	28	Day 12 hours 44 minutes long.
12	19	43	4	5	Fomalhaut ſouth 22 min. after 11 at night.
13	20	41	3	42	Day decreaſed 3 hours 48 min.
14	21	40	3	19	
15	22	39	2	56	Markab ſouth 19 min. paſt 11 at night.
16	23	37	2	32	Saturn ſets 36 min. paſt 6 at night.
17	24	36	2	9	Mars riſes 53 min. before 1 in the morn.
B 18	25	34	1	46	
19	26	33	1	23	Fomalhaut ſouth 56 min. paſt 10 at night.
20	27	32	0	59	Day 12 hours 10 minutes long.
21	28	31	0	36	
22	29	29	0	12	Sun enters ♎ 28 m. paſt midnight.
23	♎	28	0 S	11	
24	1	27	0	35	Pole Star ſouth 36 min. paſt midnight.
B 25	2	26	0	58	Mars riſes 55 min. before 1 in the morn.
26	3	25	1	21	
27	4	24	1	45	Day 11 hours 42 min. long.
28	5	23	2	8	Day decreaſed 4 hours 48 minutes.
29	6	22	2	32	
30	7	21	2	55	

October, 1774.

	Jupiter rises.	Venus rises.
1	6 A 57	3 M 52
7	6 32	4 18
13	6 9	4 32
19	5 44	4 53
25	5 20	5 13

New Moon the 5th day, at 3 in the aftern.
First Quarter the 12 day, at noon.
Full Moon the 19th day, at 2 in the aftern.
Last Quarter the 27th day, at 3 in the aftern.

M D	W D	Holy-Days. ☉ rises & sets.	Moon rises.	Moon's Place	Moon's Declin.	Aspects and Weather.
1	S	Remigius.	1 M 2c	19 ♌ 11	13 N 5	
2	B	18 S. aft. Trin.	2 26	1 ♍ 36	9 58	△ ♃ ☿
3	M	Day br. 4 23	3 33	14 18	6 20	
4	F	Cl. flow 11m.	4 42	27 20	2 17	
5	W		☽ sets	10 ♎ 42	1 S 57	
6	T	Faith.	6 A 18	24 22	6 13	Flying clouds
7	F	Sun rises 6 29	6 49	8 ♏ 18	10 13	with rain, or
8	S	Sun sets 5 29	7 25	22 25	13 40	hail.
9	B	19 S. aft. Trin.	8 8	6 ♐ 10	16 21	
10	M	Ox. & Ca. T. b.	8 56	20 58	18 2	Old Michael. day
11	T		9 56	5 ♑ 14	18 34	☽ in Perigeo.
12	W	Twilight 1 57	11 1	19 23	17 58	
13	T	Tr. K. Ed. Co.	Morn.	3 ♒ 29	16 14	High winds and
14	F	Sun rises 6 42	0 9	17 26	13 32	stormy weather.
15	S	Sun sets 5 16	1 22	1 ♓ 18	10 6	♂ ♄ ☿
16	B	20 S. aft. Trin.	2 36	14 59	6 8	
17	M	Etheldred.	3 51	28 31	1 55	□ ♅ ♂
18	T	St. Luke.	5 3	11 ♈ 51	2 N 11	
19	W		☽ rises	24 58	6 25	
20	T	Day br. 4 57	6 A 4	7 ♉ 52	10 8	
21	F	Sun rises 6 56	6 34	20 30	13 18	More mild and
22	S	Sun sets 5 2	7 7	2 ♊ 55	15 47	temperate.
23	B	21 S. aft Trin.	7 46	15 8	17 33	
24	M		8 30	27 11	18 29	
25	T	K. G. III. ina.	9 19	9 ♋ 4	18 36	Crisp. ☽ in Apog
26	W	K. G. III proc.	10 14	20 56	17 55	□ ♂ ☿ 25th day
27	T	Cl. flow 16m.	11 12	2 ♌ 48	16 26	
28	F	St. Sim. & Jude.	Morn.	14 47	14 14	
29	S		0 13	26 56	11 21	Cold frosty air.
30	B	22 S. aft. Trin.	1 18	9 ♍ 22	7 54	
31	M	Twilight 1 59	2 25	22 7	4 1	✱ ♂ ♀

Wing.	☉	Saturn ♄	Decl.	Jupiter ♃	Dec.		Mars ♂	Dec.		Venus. ♀	Dec	
	1	♑ 30	1 N 44	14	57	15 N 1	4	8	20 N 20	14	23	17 N 21
Oct.	7	♐ 14	1 27	14	25	14	49	7	35	19	34	21	48	14	35
	13	1	57	1	10	13	44	14	37	10	58	18	35	29	14	1	42
1774.	19	2	40	0	54	13	0	14	24	14	16	17	54	6	♌ 42	1 S	14
	25	3	21	0	38	12	14	14	10	17	29	17	3	14	1	14	12

M D	Sun's Place.		Sun's Declin.		Observations.
1	8	♎ 2	3 S	18	Saturn rises 24 min. after 5 in the morn.
B	9	19	3	42	Fomalhaut south 9 min. past 10 at night.
3	10	18	4	5	
4	11	18	4	28	Pole Star south 1 min. after midnight.
5	12	17	4	51	Day 11 hours 10 min. long.
6	13	16	5	15	Day decreased 5 hours 29 minutes.
7	14	16	5	38	
8	15	15	6	1	Saturn rises at 2 min. past 5 in the morn.
B	16	14	6	24	Mars rises 58 min. after 11 at night.
10	17	14	6	46	Markab south 49 min. past 9 at night.
11	18	13	7	9	
12	19	13	7	32	Day 10 hours 44 min. long.
13	20	12	7	54	Saturn rises 47 min. past 4 in the morning.
14	21	12	8	17	Mars rises 54 min. after 11 at night.
15	22	11	8	39	Fomalhaut south 21 min. past 9 at night.
B	23	11	9	1	
17	24	11	9	23	Day decreased 6 hours 2 min.
18	25	10	9	45	Saturn rises 31 min. past 4 in the morn.
19	26	10	10	7	Mars rises 50 min. past 11 at night.
20	27	10	10	28	Day 10 hours 12 minutes long.
21	28	9	10	50	
22	29	9	11	11	Pole Star south 54 min. past 10 at night.
B	♏	9	11	32	Sun enters ♏ 20 m. past 8 in the morning.
24	1	9	11	53	
25	2	9	12	14	Saturn rises 10 min. past 4 in the morn.
26	3	9	12	34	Mars rises 44 min. after 11 at night.
27	4	9	12	55	Day 9 hours 44 minutes long.
28	5	9	13	15	Day decreased 6 hours 44 minutes.
29	6	9	13	35	
B	7	9	13	55	Fomalhaut south 24 min. past 8 at night.
31	8	9	14	14	

November, 1774.

	Jupiter rises.	Venus rises.
1	4 A 52	5 M 34
7	sets	5 53
13	6 M 31	6 12
19	6 4	6 30
25	5 34	6 49

New Moon the 4th day, at 3 in the morn.
First Quarter the 10th day, at 7 at night.
Full Moon the 18th day, at 6 in the morn.
Laſt Quarter the 26th day, at 11 in morn.

M D	W D	Holy-Days. ☉ riſes & ſets.	Moon riſes.	Moon's Place.	Moon's Declin.	Aſpects and Weather.
1	T	All Saints.	3 M 36	5 ♎ 18	0 S 12	
2	W	Pr. Edward b.	4 48	18 53	4 31	All Souls.
3	T	Sun riſes 7 20	6 2	2 ♏ 53	8 44	☌ ☉ ♅
4	F		☽ ſets.	17 14	12 32	Dark and cloudy
5	S	Papiſts Conſp.	6 A 4	1 ♐ 50	15 40	weather.
6	B	23 S. aft. Trin.	6 51	16 34	17 47	✱ ♄ ♂
7	M	D: of Cumb. b	7 48	1 ♑ 16	18 42	Term begins.
8	T	Prs. So. Aug. b.	8 53	15 50	18 26	☽ in Per. 7th day
9	W	L. M. day at Lon.	10 2	0 ♒ 12	16 54	
10	T		11 14	14 18	14 26	
11	F	Martinmas.	Morn.	28 9	11 8	Sharp froſty air.
12	S	Sun ſets 4 24	0 28	11 ♓ 44	7 18	
13	B	24 S. aft Trin.	1 39	25 5	3 10	Britius.
14	M		2 51	8 ♈ 16	1 N 5	☌ ☿ ♀
15	T	Machutus.	4 3	21 14	5 12	
16	W	Day br. 5 37	5 10	4 ♉ 1	9 2	
17	T	Hugh, Bp. Linc.	6 16	16 36	12 23	
18	F		☽ riſes	29 2	15 9	Wind and ſome
19	S	Sun riſes 7 46	5 A 41	11 ♊ 17	17 11	ſhowers.
20	B	25 S. aft. Trin.	6 22	23 22	18 25	Edm. K. & Mar.
21	M	Sun ſets 4 11	7 9	5 ♋ 20	18 51	☽ in Apogeo.
22	T	O. Mart. day.	8 0	17 12	18 26	
23	W	St. Clement.	8 57	29 2	17 13	
24	T		9 56	10 ♌ 53	15 15	
25	F	D. Glouc. bo.	10 59	22 49	12 36	
26	S	Cl. ſlow 1 m.	Morn.	4 ♍ 56	9 25	
27	B	Advent Sund.	● 4	17 18	5 43	More temperate.
28	M	Term ends.	1 9	0 ♎ 2	1 41	✱ ☉ ♄
29	T	Twilight 5 7	2 17	13 10	2 S 34	
30	W	St. Andrew.	3 32	26 48	6 51	

Wing.	Day	Saturn ♑	Decl.	Jupiter ♓ R	Decl.	Mars ♌	Decl.	Venus ♑	Decl.
Nov.	1	14 8	0 N20	11 18	13 N 54	21 8	16 N 2	22 5	7 36
	7	14 47	0 5	10 29	13 40	24 8	15 8	♍ 26	10 25
1774.	13	15 23	0 S 8	9 41	13 26	27 0	14 17	7 58	13 2
	19	15 58	0 20	8 56	13 12	29 45	13 29	15 30	15 29
	25	16 30	0 33	8 13	13 0	2 ♍ 21	12 43	23 2	17 45

M D	Sun's Place.		Sun's Declin.		Observations.
1	9	♏ 9	14 S	34	Saturn rises 47 min. after 3 in the morn.
2	10	10	14	53	Mars rises 38 min. past 11 at night.
3	11	10	15	12	Pole Star south 8 min. past 10 at night.
4	12	10	15	30	
5	13	10	15	48	Day 9 hours 14 min. long.
B	14	11	16	7	Day decreased 7 hours 16 min.
7	15	11	16	24	Saturn rises 27 min. past 3 in the morn.
8	16	11	16	42	Mars rises 31 min. after 11 at night.
9	17	12	16	59	
10	18	12	17	10	Fomalhaut south 41 min. past 7 at night.
11	19	13	17	33	Day 8 hours 52 minutes long.
12	20	13	17	49	Pole Star south 33 min. past 9 at night.
B	21	13	18	5	Day decreased 7 hours 40 minutes.
14	22	14	18	21	Saturn rises 2 min. after 3 in the morn.
15	23	15	18	36	
16	24	15	18	51	Mercury's greatest Vespertine Elong. from the Sun 22° 10′, sets 41 min. after him.
17	25	16	19	6	
18	26	16	19	20	
19	27	17	19	34	Mars rises 15 min. past 11 at night.
B	28	18	19	48	Day 8 hours 24 min. long.
21	29	18	20	1	
22	♐	19	20	14	Sun enters ♐ 27 min. past 4 in the morn.
23	1	20	20	27	Day decreased 8 hours 10 minutes.
24	2	21	20	39	
25	3	21	20	51	Saturn rises 23 min. past 2 in the morn.
26	4	22	21	2	Mars rises 2 min. after 11 at night.
B	5	23	21	13	Mirkab south 41 min. past 8 at night.
28	6	24	21	24	Day 8 hours 2 min. long.
29	7	25	21	34	Day decreased 8 hours 26 minutes.
30	8	26	21	44	

December, 1774.

New Moon the 3d day, at 2 in the aftern.
First Quarter the 10th day, at 5 in the morn.
Full Moon the 17th day, at midnight.
Last Quarter the 26th day, at 4 in the morn.

Day	Jupiter sets.	Venus rises.
1	5 M 4	7 M 8
7	4 35	7 20
13	4 7	7 36
19	3 39	7 48
25	3 12	7 56

M D	W D	Holy-Days. ☉ rises & sets.	Moon rises.	Moon's Place.	Moon's Declin.	Aspects and Weather.
1	T	Sun rises 8 2	4 M 47	10 ♏ 54	10 S 50	
2	F	Sun sets 3 57	6 2	25 28	14 24	
3	S	Day br. 5 55	☽ sets	10 ♐ 22	17 14	Mild weather for
4	B	2 S. in Advent.	5 A 25	25 29	18 36	the season.
5	M		6 28	10 ♑ 36	18 51	☽ in Per. ☌ ☉ ☿
6	T	Nicolas.	7 37	25 33	17 44	✶ ♄ ♀ ☐ ♂ ♀
7	W	Twilight 2 10	8 52	10 ♒ 14	15 29	△ ♃ ♂ (5th day
8	T	Conc. B. V. M.	10 6	24 34	12 19	☌ ♀ ☿
9	F		11 22	8 ♓ 29	8 31	☐ ♂ ☿
10	S	Sun rises 8 10	Morn.	22 4	4 21	✶ ♄ ☿
11	B	3 S. in Advent.	0 33	5 ♈ 18	0 5	
12	M	Sun sets 3 49	1 43	18 15	4 N 4	Cold rain or sleet.
13	T	Lucy.	2 51	0 ♉ 59	8 ☌	
14	W	Ember Week.	3 57	13 31	11 30	
15	T		5 1	25 50	14 25	
16	F	Camb. T. ends	6 3	8 ♊ 3	16 42	
17	S	Oxf. T. ends	7 1	20 8	18 12	
18	B	4 S. in Advent.	☽ rises	2 ♋ 5	18 55	
19	M	Ch. flow 2 m.	5 A 4 c	13 58	18 46	☽ in Apogeo.
20	T		6 36	25 47	17 48	Frosty weather.
21	W	St. Thomas.	7 35	7 ♌ 39	16 4	Shortest day.
22	T	Sun rises 8 13	8 35	19 29	13 39	
23	F	Sun sets 3 47	9 38	1 ♍ 25	10 38	
24	S		10 43	13 32	7 8	
25	B	Christmas-day	11 49	25 52	3 16	
26	M	St. Stephen.	Morn.	8 ♎ 32	0 S 50	
27	T	St. John Evan.	0 57	21 35	5 2	△ ☉ ♅ Snow to-
28	W	Holy Innocents	2 8	5 ♏ 5	9 4	wards the end.
29	T		3 22	19 5	12 49	
30	F	Day br. 5 59	4 36	3 ♐ 35	15 54	
31	S	Silvester.	5 51	18 29	18 1	

Wing	Day	Saturn ♄	Decl.	Jupiter ♃	Dec.	Mars ♂	Dec.	Venus ♀	Dec.
	1	6 59	0 S 43	7 36	12 N 49	4 46	21 N 57	9 35	19 S 41
Dec.	7	7 26	0 58	7 4	12 40	7 0	21 12	8 [illegible]	21 17
	13	7 49	0 58	6 39	12 34	9 1	20 37	15 41	22 32
1774.	19	8 9	1 9	6 20	12 29	10 47	10 16	23 15	23 22
	25	8 26	1 22	6 9	12 27	12 16	10 18	☌ 9 48	23 46

M D	Sun's Place.		Sun's Declin.		Observations.
1	9	♐ 27	21	S 53	Saturn rises at 2 in the morning.
2	10	28	22	2	Mars rises 49 min. past 10 at night.
3	11	28	22	11	Seven Stars south 53 min. past 10 at night.
B	12	29	22	15	Aldebaran south 36 min. after 11 at night.
5	13	30	22	27	Day 7 hours 50 min. long.
6	14	31	22	34	
7	15	32	22	41	Saturn rises 36 min. past 1 in the morn.
8	16	33	22	47	Mars rises 34 min. past 10 at night.
9	17	34	22	53	Pole Star south 37 min. past 7 at night.
10	18	36	22	59	
B	19	37	23	4	Day 7 hours 40 minutes long.
12	20	38	23	8	Day decreased 8 hours 48 minutes.
13	21	39	23	12	Saturn rises 11 min. past 1 in the morn.
14	22	40	23	16	Mars rises 19 min. after 10 at night.
15	23	41	23	19	Seven Stars south 1 min. past 10 at night.
16	24	42	23	22	
17	25	43	23	24	Day 7 hours 36 min. long.
B	26	44	23	26	Day decreased 8 hours 50 minutes.
19	27	46	23	27	Aldebaran south 3 min. after 10 at night.
20	28	47	23	28	
21	29	48	23	28	Sun enters ♑ 47 min. past 4 at night.
22	♑	49	23	28	Pole Star south 39 m. after 6 at night.
23	1	50	23	27	
24	2	51	23	26	Mercury's greatest Matutine Elon. from the
B	3	53	23	25	Sun 22° 14′, rises 1 h. 58 m. before him
26	4	54	23	23	
27	5	55	23	20	Mars rises 40 min. past 9 at night.
28	6	56	23	17	Saturn rises 53 min. before 1 in the morn.
29	7	57	23	14	Aldebaran south 46 min. after 9 at night.
30	8	58	23	10	Day increased 6 minutes.
31	10	0	23	5	

The Longitude of Mercury and Declination for the Year 1774.

Days	January.			Febr.			March.			April.			May.			June.		
1	21	♐	8	25	♑	29	13	♓	21	26	♈	29	17	♈	3	26	♉	39
4	22		8	0	♒	5	19		9	26	℞	1	18		48	2	♊	36
7	24		5	4		46	25		2	24		42	21		5	8		51
10	26		43	9		36	0	♈	52	22		45	23		53	15		20
13	29		52	14		33	6		30	20		34	27		9	21		55
16	3	♑	22	19		39	11		47	18		31	0	♉	49	28		29
19	7		8	24		52	16		31	16		52	4		53	4	♋	56
22	11		6	0	♓	16	20		28	15		49	9		19	11		11
25	15		15	5		47	23		30	5		31	14		6	17		8
28	19		33	11		26	25		31	5	D	56	19		14	22		48

Days	July.			August.			Sept.			Octob.			Nov.			Dec.		
1	28	♋	9	2	♍	52	21	♌	39	9	♎	5	27	♍	40	18	♐	℞ 18
4	3	♌	14	3		21	23		59	14		14	1	♐	50	14		34
7	7		59	3	℞	3	27		22	19		18	5		50	10		20
10	12		25	1		55	1	♍	39	24		15	9		40	7		12
13	16		31	0		2	6		35	29		☾	13		13	5		28
16	20		16	27		37	11		50	3	♍	50	16		25	5	D	21
19	23		40	25		1	17		22	8		30	19		2	6		33
22	26		39	22		41	22		55	13		5	20		50	8		45
25	29		9	21		2	28		24	17		33	21		31	11		39
28	1	♍	9	20		27	3	♎	47	21		56	20	℞	43	15		2

The Declination of Mercury to every Sixth Day.

Days	January.			Febr.			March.			April.			May.			June.		
1	20	S	18	22	S	21	8	S	1	13	N	17	4	N	21	18	N	18
7	20		54	20		47	2		43	12		16	5		22	21		4
13	22		18	18		26	2	N	50	9		35	7		30	24		13
19	23		9	15		14	7		56	6		39	10		26	25		1
25	23		7	11		8	11		36	4		45	13		56	24		17

Days	July.			August.			Sept.			Octob.			Nov.			Dec.		
1	22	N	12	7	N	32	13	N	41	2	S	50	21	S	42	22	S	50
7	19		33	6		28	13		10	7		4	23		44	19		58
13	15		59	7		3	10		37	11		17	25		2	18		25
19	13		9	9		11	6		41	15		7	25		23	18		52
25	10		10	11		52	2		8	18		29	24		42	20		19

WING.

A

PROGNOSTICATION,

For the Year of our

LORD GOD, 1774.

An Explanation of the Characters made uſe of in this Almanack.

The Seven Planets, and Five Aſpects.		The Twelve Signs.	
♄	Saturn	♈	Aries
♃	Jupiter	♉	Taurus
♂	Mars	♊	Gemini
☉	The Sun	♋	Cancer
♀	Venus	♌	Leo
☿	Mercury	♍	Virgo
☽	The Moon	♎	Libra
Aſpects. ☌	Conjunction	♏	Scorpio
✶	Sextile	♐	Sagittary
□	Square	♑	Capricorn
△	Trine	♒	Aquarius
☍	Oppoſition	♓	Piſces

Lands ſurveyed, divided and incloſed, and Maps of the ſame correctly delineated. Alſo Timber and Pole Wood ſurveyed, valued and ſold, by *Vincent Wing*, of *Pickworth* in the County of *Rutland*.

A Compendious Chronology of memorable Things since the Creation to this present Year.

A.P.J	*before Chriſt.*		*Years since.*
710	4004	The Creation of the World	5778
1766	2948	*Noah* born	4722
2366	2348	*Noah*'s Flood began	4122
2481	2233	The *Babylonian* Monarchy eſtabliſhed	4007
2718	1996	*Abraham* born	3770
2986	1728	*Joſeph* ſold into *Egypt*	3502
3143	1571	*Moſes* born	3345
3223	1491	The *Iſraelites* Departure out of *Egypt*	3265
3530	1184	*Troy* taken and deſtroyed by the *Greeks*	2958
3710	1004	*Solomon*'s Temple built and dedicated	2778
4126	588	*Jeruſalem* and the Temple deſtroyed	2362
4176	538	*Daniel* delivered from the Den of Lions	2312
4198	516	The Temple of *Jeruſalem* rebuilt	2290
4391	323	The Death of *Alexander the Great*	2097
4710	4	The true Year of *Chriſt*'s Birth	1778
4714	0	The vulgar Year of *Chriſt*'s Birth	1774

A. D.		
33		The Paſſion and Reſurrection of *Jeſus Chriſt*	1741
70		*Jeruſalem* and the Temple deſtroyed by *Titus*	1704
100		St. *John*, the laſt of the Apoſtles, dies *Dec.* 20.	1674
313		Chriſtianity triumphs under *Conſtantine*	1461
476		*Auguſtulus*, the laſt *Roman* Emperor, depoſed	1298
606		The wicked *Phocas* makes Pope *Boniface* Head of the Church	1168
608		*Mahomet* broaches his Impoſture at *Mecca*	1166
872		*Italy* and *Rome* plundered by the *Saracens*	902
1012		*Swain* King of *Denmark* conquers *England*	762
1066		*William* Duke of *Normandy* conquers *England*	708
1110		Arts and Sciences taught in *Cambridge*	664
1119		The firſt War between the *French* and *Engliſh*	655
1300		The Mariners Compaſs invented	474
1330		The *Canaries* diſcovered by an *Engliſh* Ship	444
1380		Gunpowder and the Uſe of Guns firſt found out	394
1453		*Conſtantinople* taken from the *Chriſtians*	321

A.D.		*Years since.*
1463	The *Persians* conquered by *Tamerlane*	311
1500	*Rome* plundered by the Duke of *Bourbon*	274
1517	*Martin Luther* first disputed against Popery	257
1536	*England* separated from the Church of *Rome*	238
1588	The *Spanish Armada* defeated by the *English*	184
1603	Q. *Eliz.* dies *March* 24, and K. *James* I. began	171
1604	Died of the Plague in *London*, in 2 Years, 68,596	170
1605	Gunpowder Treason, *Nov.* 5.	169
1613	The New-River Water brought to *London*	161
1618	The excellent Sir *Walter Raleigh* beheaded	156
1625	K. *James* I. died, King *Charles* I. began, *Mar.* 27.	149
1625	35,417 Persons died of the Plague in *London*	149
1641	The cruel *Irish* Massacre began, *October* 23.	133
1643	*Burleigh-House* stormed by *Cromwel*, *July* 24.	131
1649	K. *Charles* I. barbarously murdered, *January* 30.	125
1660	K. *Charles* II. restored, *May* 29.	114
1665	68,586 Persons died of the Plague in *London*	109
1666	*London* burnt, and a great Sea-Fight with the *Dutch*	108
1672	War declared against the *Dutch*, *March* 17.	102
1674	A great Snow for 11 Days together	100
1675	The Town of *Northampton* burnt, *Sept.* 3.	99
1680	A great and splendid Comet appeared	94
1684	The great Frost that held 13 Weeks	90
1685	K. *Charles* II. died, *Feb.* 6. and K. *James* II. began	89
1685	The Duke of *Monmouth* beheaded, *July* 15.	89
1688	Seven Bishops sent to the *Tower*, *June* 8.	86
1688	K. *James* II. abdicated, *December* 12.	86
1689	K. *William* and Q. *Mary* crowned, *April* 11.	85
1692	The *French* Fleet entirely defeated by the *English*	82
1698	*Whitehall* Palace entirely destroyed by Fire, except the *Banquetting-House*	76
1702	K. *William* died, *March* 8, and Q. *Anne* began	72
1702	Q. *Anne* proclaimed War against *France*, *May* 4.	72
1703	A great and terrible Wind, *Nov.* 26 and 27.	71
1704	*Gibraltar* taken by the *English*	70
1707	*England* and *Scotland* united, *May* 1.	67
1709	*Sacheverel* preached his seditious Sermon, *Nov.* 5.	65
1710	Riots and great Disturbances in *England*.	64

A.D.		Years since.
1714	Q. *Anne* died *Auguſt* 1. and K. *George* I. began	60
1715	A famous Total Eclipſe of the ☉ in *England*, *April* 22, in the Morning	59
1715	A Rebellion in *Scotland* and *Lancaſhire* ſuppreſſed	59
1716	A great Froſt in the Beginning of this Year	58
1718	The *Spaniſh* Fleet deſtroyed by Admiral *Byng*, near *Syracuſe*, *July* 31.	56
1719	A ſurprizing Meteor ſeen, *March* 19, at 8 at Night	55
1719	Mr. *Flamſteed*, a celebrated Aſtronomer died *Dec.* 31	55
1727	The incomparable Sir *Iſaac Newton*, died *Mar.* 20.	47
1727	K. *George* I. died, *June* 11, and K. *George* II. began	47
1734	The Battle of the *Breeches*, in *Italy*, *Sept.* 4.	40
1736	The Prince and Princeſs of *Wales* married, *Ap.* 27.	38
1739	Letters of Marque publiſhed in *London* againſt the *Spaniards*, *July* 16.	35
1739	War declared by *Great Britain* againſt *Spain*, *October* 23.	35
1739	*Porto-Bello* taken and deſtroyed by Admiral *Vernon*, *November* 22.	35
1740	A very ſevere Froſt from *Dec.* 25, to *Feb.* 27.	34
1742	A Comet appeared from *Feb.* 18, to *March* 14.	32
1742	A Conjunction of ♄ and ♃ *Auguſt* 18, in ♌	32
1743	A ſplendid Comet appeared from *December* 23, to *February* 18, in ♈	31
1744	*March* 4. *France* declared War againſt *England*; and *March* 31, *England* declared War againſt *France*.	30
1745	*Cape Breton* taken from the *French*, *June* 16.	29
1746	The *Scotch* Highland Rebels defeated by his Royal Highneſs the Duke of *Cumberland*, at *Culloden*, near *Inverneſs*, *April* 16.	28
1748	A General Peace ſigned *October* 7.	26
1749	*Cape Breton* reſtored to the *French*.	25
1750	The *Britiſh* Fiſhery eſtabliſhed.	24
1751	The Prince of *Wales* died *March* 20.	23
1752	The Date and Calendar altered.	22
1755	*Liſbon* deſtroyed by an Earthquake, *Nov.* 1.	19
1756	*England* declared War againſt *France*, *May* 18.	18

A.D.		Years since.
1756	The Iſland *Minorca* taken by the *French*, *June* 27.	18
1757	Count *Brown* defeated by the King of *Pruſſia* near *Prague*, *May* 6.	17
1757	The King of *Pruſſia* defeated by Count *Daun* at *Collin*, *June* 18.	17
1758	The *French* defeated at *Crevelt* by Pr. *Ferdinand*, *June* 23.	16
1758	Lord *Howe* ſlain, *July* 6, and Gen. *Abercrombie* repulſed at *Ticonderoga*, *July* 8.	16
1758	*Cape Breton* taken by the *Engliſh*, *July* 26.	16
1758	The *Ruſſians* defeated at *Zorndorff* by the King of *Pruſſia*, *Sept.* 25.	16
1759	The Iſland of *Guadalupe* taken by Gen. *Barrington* and Commodore *Moore*, *May* 1.	15
1759	The *French* defeated at *Minden* by Pr. *Ferdinand*, *Auguſt* 1.	15
1759	The King of *Pruſſia* defeated at *Cunnerſdorff* by the Count *de Soltikoff*, *Auguſt* 12.	15
1759	Gen *Wolf* ſlain, though victorious, *Sept.* 13, and *Quebec* taken *Sept.* 18, by Gen. *Townſhend*.	15
1760	*Montreal* taken by Gen. *Amherſt*, *Sept.* 8.	14
1760	K. *George* II. died *Oct.* 25, and K. *George* III. began his Reign.	14
1761	*Pondicherry* taken by Col. *Coote*, *Jan.* 15.	13
1761	K. *George* III. married Q. *Charlotte*, *Sept.* 8.	13
1761	K. *George* III. crowned, *Sept.* 22.	13
1762	The Iſland of *Martinico* taken by Gen. *Monckton* and Adm. *Rodney*, *Feb.* 14.	12
1762	*George* Prince of *Wales* born, *Auguſt* 12.	12
1762	The *Havannah* taken by Lord *Albemarle* and Sir *George Pocock*, *Auguſt* 12.	12
1763	A general Peace in all *Europe*.	11
1763	Pr. *Frederick*, Biſhop of *Oſnaburgh*, born *Aug.* 16	11
1765	Prince *William-Henry* born *Auguſt* 21.	9
1766	Princeſs *Charlotte-Auguſta-Matilda* born *Sept.* 29.	8
1767	Prince *Edward* born *Nov.* 2.	7
1768	Princeſs *Sophia-Auguſta* born *Nov.* 8.	6
1770	Princeſs *Elizabeth* born *May* 22.	4
1771	Prince *Erneſt-Auguſtus* born *Jun* 5.	3

Of the Eclipſes this Year 1774.

THERE will be this Year no more than Two Eclipſes, which will happen in the following Order.

The firſt Eclipſe is of the Sun, and will happen on Saturday the 12th Day of *March*, near our Ten o'Clock in the Morning, but will be inviſible to us and to all the Inhabitants of theſe Parts of the Earth; although at the Time of this Eclipſe the Sun will have a conſiderable Altitude above our Horizon, yet the Moon's Parallax of Latitude will depreſs her too low, to interpoſe between the Sun and us.

The ſecond Eclipſe is likewiſe of the Sun, and will happen on the 6th Day of *September*, near our Two o'Clock in the Morning, conſequently inviſible to us, and to all theſe Parts of the Globe; but will be viſible, and a large Eclipſe in the Eaſtern Parts of Aſia.

A Table

A Table of the Eclipſes of *Jupiter*'s Firſt Satellite, reduced to correct or apparent Time, 1774.

January.

Emerſions.

D.	H.	M.	S.
2	9	33	40
4	4	1	48
5	22	29	58
7	16	58	11
9	11	26	26
11	5	54	43
13	0	23	0
14	18	51	22
16	13	19	44
18	7	48	7
20	2	16	33
21	20	45	3
23	15	13	36
25	9	42	12
27	4	10	49
28	22	39	28
30	17	8	8

February.

1	11	36	50
3	6	5	35
5	0	34	23
6	19	3	14
8	13	32	9
10	8	1	6
12	2	30	5
13	20	59	5
15	15	28	5
17	9	57	9
19	4	26	15
20	22	55	23
22	17	24	33

February.

Emerſions.

D.	H.	M.	S.
24	11	53	45
26	6	22	59
28	0	52	15

Jupiter near the Sun.

May.

Immerſions.

22	3	32	34
23	22	1	6
25	16	29	55
27	10	58	1
29	5	26	24
30	23	54	46

June.

1	18	23	5
3	12	51	19
5	7	19	34
7	1	47	49
8	20	16	3
10	14	44	17
12	9	12	31
14	3	40	44
15	22	8	56
17	16	37	7
19	11	5	16
21	5	33	25
23	0	1	33
24	18	29	40
26	12	57	47
28	7	25	56
30	1	54	6

July.

Immerſions.

D.	H.	M.	S.
1	20	22	17
3	14	50	30
5	9	18	43
7	3	46	56
8	22	15	10
10	16	43	24
12	11	11	39
14	5	39	55
16	0	8	12
17	18	36	29
19	13	4	47
21	7	33	8
23	2	1	32
24	20	29	58
26	14	58	25
28	9	26	53
30	3	55	24
31	22	23	58

Auguſt.

2	16	52	34
4	11	21	11
6	5	49	48
8	0	18	26
9	18	47	5
11	13	15	46
13	7	44	28
15	2	13	12
16	20	41	58
18	15	10	46
20	9	39	35
22	4	8	26
23	22	37	18

Auguſt.

Immerſions.

D.	H.	M.	S.
25	17	6	13
27	11	35	10
29	6	4	9
31	0	33	8

September.

1	19	2	8
3	13	31	9
5	8	0	11
7	2	29	12
8	20	58	14
10	15	27	16
12	9	56	18
14	4	25	20
15	22	54	23
17	17	23	26
19	11	52	30
21	6	21	35
23	0	50	40
24	19	19	45
26	13	48	49
28	8	17	53
30	2	46	57

October. Immerſions.			
D.	H.	M	S.
1	21.	16	9
3	15	45	3
5	10	14	5
7	4	43	6
8	23	12	6
10	17	41	5
12	12	10	3
14	6	39	0
16	1	7	56
17	19	36	50
19	14	5	43
21	8	34	34
23	3	3	22
24	21	32	8

October. Immerſions.			
D.	H.	M.	S.
26	16	0	53
28	10	29	37
30	4	58	19
31	23	26	58
November.			
2	17	55	34
Emerſions.			
4	14	31	59
6	9	0	31
8	3	29	4
9	21	57	34
11	16	26	1
13	10	54	26
15	5	22	49

November. Emerſions.			
D.	H.	M.	S.
16	23	51	9
18	18	19	28
20	12	47	45
22	7	16	1
24	1	44	15
25	20	12	27
27	14	40	37
29	9	8	45
December.			
1	3	36	50
2	22	4	54
4	16	32	56
6	11	0	57
8	5	28	58

December. Emerſions.			
D.	H.	M.	S.
9	23	56	59
11	18	24	59
13	12	52	59
15	7	20	57
17	1	48	54
18	20	16	51
20	14	44	48
22	9	12	45
24	3	40	43
25	22	8	42
27	16	36	42
29	11	4	42
31	5	32	42

The Times of the Eclipſes contained in this Table are adapted to the Meridian of the Royal Obſervatory near *London*; and by carefully obſerving the Times of the Immerſions and Emerſions of this Satellite, which is the moſt convenient and proper for Geographical Purpoſes of any of the other three, the Longitude or Difference of the Meridian of the Place where the Obſervation is made, and the Place the Eclipſes are calculated for, may be exactly diſcovered; and is the moſt correct and practical Method ever yet hit upon: notwithſtanding the many whimſical, and ſome ingenious Ways, invented for that Purpoſe, by ſeveral Perſons who have ſpent much Time and Labour, in Hopes of gaining the great Reward of Twenty Thouſand Pounds offered by Parliament, for a practical Method of ſolving that grand Problem with Certainty, but hitherto to no Effect. It is alſo much more eaſy and correct to find the Difference of Meridians by this Method, than by the Eclipſes of the Moon, not only on Account of their more frequent happening, but becauſe the Motion and Times of theſe Immerſions and Emerſions are more eaſily obſerved than the Times of the Beginning and End of a Lunar Eclipſe; becauſe the Time of the Moon's Ingreſs into the

the Shadow of the Earth, and her Egreſs out of it, is not eaſily diſtinguiſhed from that of the Penumbra.

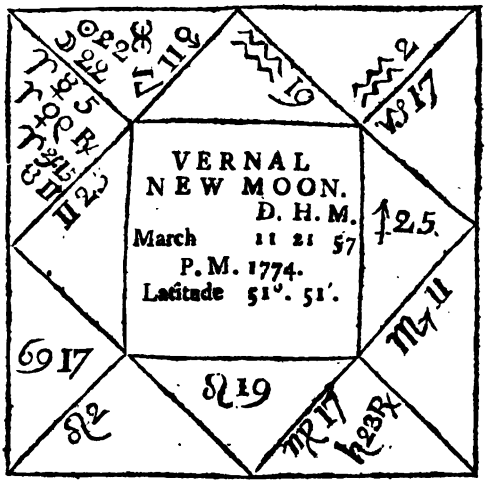
I ſhall illuſtrate the Uſe of the preceding Table by an Example.

Suppoſe on the 15th Day of *December*, this Year, the Time of the Emerſion of *Jupiter*'s firſt Satellite be obſerved by a Teleſcope in an unknown Meridian, to happen at 10 h. 15 min. 57 ſec. at Night; I find by the Table, that the Time of this Emerſion will happen at the *Britiſh* Obſervatory at 7 h. 20 min. 57 ſec. the ſame Night: The Difference of the Times is 2 hours, 55 minutes; which being converted into Degrees and Minutes of the Equator, will make 43 Degrees 45 Minutes, the Longitude of the Place of Obſervation to the Eaſt; becauſe the Time is more than that at the *Britiſh* Obſervatory.

See the Operation.

	H. M. S.
Emerſion at the Place of Obſervation	10 15 57
Emerſion at the Obſervatory	7 20 57
The Difference in Time is	2 55 00
In Degrees of the Equator	43°45′ 00 Eaſt.

THE



THE Vernal or Spring Quarter begins this Year on the 20th Day of *March*, at 44 Minutes paſt Noon: But for ſome Reaſons formerly given in this Almanack, I ſhall have a more ſpecial Regard to the Time of the Lunation next preceding this Ingreſs, as a proper Baſis for the ingenious Artiſt to raiſe a Judgment on this Year's Revolution.

A Table

A Table of the Equation of natural Days, exactly calculated for the Year 1774.

	January.		February.		March.		April		May.		June.	
	4	S. 15	14	11	12	S 44	3	S 59	3	8	2	43
	4	44	14	18	12	32	3	41	3	16	2	34
	5	12	14	24	12	19	3	23	3	23	2	25
	5	39	14	29	12	6	3	5	3	29	2	15
	6	5	14	34	11	52	2	47	3	35	2	5
	6	31	14	38	11	38	2	28	3	40	1	54
	6	57	14	42	11	23	2	12	3	46	1	43
	7	22	14	44	11	8	1	54	3	51	1	32
	7	47	14	45	10	53	1	37	3	53	1	21
	8	12	14	46	10	37	1	20	3	56	1	9
1	8	36	14	46	10	21	1	3	3	58	0	57
2	8	59	14	46	10	5	0	47	4	0	0	45
3	9	22	14	45	9	48	0	31	4	1	0	33
4	9	44	14	43	9	31	0	15	4	2	0	21
5	10	5	14	40	9	13	0	1	4	2	0	9
6	10	25	14	36	8	55	0	16	4	2	0	S. 4
7	10	45	14	31	8	37	0	30	4	1	0	17
8	11	4	14	25	8	19	0	43	4	0	0	29
9	11	23	14	19	8	1	0	57	3	58	0	42
10	11	41	14	12	7	43	1	10	3	55	0	55
11	11	58	14	5	7	24	1	23	3	51	1	8
12	12	14	13	57	7	5	1	36	3	47	1	21
13	12	29	13	49	6	46	1	49	3	43	1	33
14	12	43	13	40	6	28	2	1	3	38	1	46
15	12	57	13	30	6	9	2	12	3	33	1	59
16	13	10	13	19	5	50	2	22	3	27	2	12
17	13	23	13	8	5	31	2	32	3	21	2	25
18	13	35	12	56	5	13	2	42	3	14	2	37
19	13	46			4	54	2	51	3	7	2	49
30	13	56			4	36	3	0	2	59	3	1
31	14	4			4	17			2	51		

If the equal Time be given; add to, or subtract the tabular Numbers from it, as directed by the Table, the Sum or Difference will be the correct or apparent Time.

A Table of the Equation of natural Days, exactly calculated for the Year 1774.

D.	*July.*	*August.*	*Sept.*	*October*	*Nov.*	*Dec.*
1	3 S. 13	5 S 49	0 A 19	10 A 26	16 A 14	10 A 32
2	3 25	5 45	0 38	10 45	16 14	10 8
3	3 36	5 41	0 57	11 3	16 14	9 44
4	3 47	5 36	1 16	11 21	16 13	9 19
5	3 57	5 30	1 35	11 38	16 11	8 54
6	4 7	5 23	1 55	11 55	16 8	8 28
7	4 17	5 16	2 15	12 11	16 5	8 2
8	4 26	5 9	2 35	12 27	16 1	7 36
9	4 35	5 1	2 55	12 42	15 56	7 9
10	4 44	4 53	3 15	12 58	15 50	6 42
11	4 52	4 44	3 35	13 14	15 43	6 14
12	5 1	4 35	3 56	13 29	15 35	5 46
13	5 9	4 25	4 17	13 44	15 26	5 18
14	5 16	4 15	4 38	13 58	15 16	4 49
15	5 22	4 4	5 0	14 11	15 5	4 20
16	5 28	3 52	5 21	14 24	14 54	3 50
17	5 33	3 39	5 42	14 36	14 42	3 20
18	5 38	3 26	6 3	14 48	14 29	2 50
19	5 42	3 12	6 24	14 59	14 16	2 20
20	5 46	2 58	6 45	15 9	14 1	1 50
21	5 49	2 44	7 6	15 19	13 45	1 20
22	5 52	2 29	7 26	15 28	13 29	0 50
23	5 54	2 14	7 47	15 36	13 12	0 20
24	5 56	1 59	8 7	15 43	12 54	0 S. 11
25	5 57	1 43	8 27	15 48	12 36	0 41
26	5 57	1 27	8 47	15 54	12 18	1 11
27	5 57	1 10	9 7	16 0	11 59	1 41
28	5 57	0 53	9 26	16 5	11 39	2 10
29	5 56	0 36	9 46	16 9	11 11	2 39
30	5 54	0 18	10 6	16 11	10 55	3 8
31	5 52	0 A 0		16 13		3 37

If the correct or apparent Time be given; add to, or subtract the tabular Numbers from it, contrary to the Directions of the Table; the Sum or Difference will be the equal Time.

On the Origin and Source of Springs.

" THE Hills are of ſingular Service to Mankind in col-
" lecting the Particles which thence deſcend into the
" lower Lands, and water the Earth. There are in the World
" numberleſs Inſtances of this Kind. Mercator ſays, that to-
" ward the Middle of the Iſland of St. Thomas, there is a
" Mountain well ſtored with Wood, which in that hot Climate
" is always covered with thick Clouds, even when the Sun is
" in the Meridian; whence proceed gentle Streams, ſufficient
" to water all the Sugar Plantations.

" It may therefore reaſonably be preſumed, that thoſe humid
" Particles which in theſe Places do neither fall in Rains, or
" trickle down the Out-ſides of the Hills, are percolated by
" Degrees thro' the Pores of the Earth, and paſs along the
" Cranies of the Stone, *&c.* till they find their Way into ſub-
" terranean Reſervoirs; which being thus ſucceſſively ſupplied
" with Vapour condenſed, may cauſe them to overflow, and
" thereby feed the Springs that more frequently break out of
" the Sides of theſe Eminencies, than in any other Place.

" And thus may the Circulation of Moiſture be imagined to
" be carried on progreſſively between the higher and the lower
" Parts of the Earth, in a more reaſonable Manner, than ſup-
" poſing, as ſome do, either, Firſt, That Springs are the Reſult
" of Rain-water only, tho' they flow continually, and often

" without

" without Diminution in the drieſt Seaſons, and when no Rain " has fallen for a long Space of Time; or, Secondly, That " they are derived from Filtration or Percolation of the Sea- " water, thro' certain imaginary Tubes or Paſſages within the " Earth, in doing whereof they are, with no great Probabi- " lity, ſaid to loſe their Saltneſs: Which, beſides many others, " labours under this Abſurdity, *viz.* That ſome of the greateſt " Rivers in the World have their moſt copious Fountains far- " theſt from the Sea, and often at ſuch a Diſtance, that it is " hardly credible, ſo vaſt Quantities of freſh Water ſhould ſo " luckily find a Way thither by the Means above propoſed.

" It is improbable, for inſtance, that ſuch a River as the Nile, " whoſe Source is ſome Hundreds of Miles from any Sea, in a " high and mountainous Country, and the Middle of the torrid " Zone, ſhould at periodical Times roll down firſt a great " Quantity of turbid Water, and fill his ſpacious Bed, and " this be followed by ſuch a Flood, as lays a flat Country, " of ſo large an Extent as Egypt is, under Water; from " which Advantage it becomes indeed a ſort of Granary to the " Eaſt, and without it might probably be as barren as are its " neighbouring Deſarts.

" The Attraction of Cohesion ordinarily adduced in the Caſe " of Springs, bears no Proportion to theſe Effects. If this Cauſe " be continual, it is doubtleſs uniform. Whence then comes " it, that the Inundation here mentioned is periodical? Rain " in that Country cannot be the Cauſe: Egypt is too well ſur- " rounded by large Continents, to get much Rain. But it is " not unreaſonable to believe, that the Source of this famous " River, lying near the Foot of the Mountain of Abyſſinia, " which, when the Sun is near the North Tropick, and the

" Wind

" Wind conſequently North-eaſterly, collect and condenſe the " Vapours directly thither from the vaſt Indian Ocean, when " the Rainy Seaſon in thoſe Latitudes uſually begins; and " hence may proceed the Deluge of Rain, which rolls down " into the flat Country, and produces the before-mentioned " great Effect.

" As there are ſundry Places of the Earth where it ſeldom " or never rains, ſo there are others where it is almoſt always " dripping. The firſt are extenſive Flats, where there are no " Hills to intercept and ſtop the Moiſture floating in the " Winds; the other are mountainous Places, that catch all the " Humidity that comes in their Way. Hilly Countries there- " fore never want an over Proportion of Rain, for which they " often, indeed, rob their neighbouring Plains.

" The Deſign of the Hills then in general ſeems to be, That " they are placed by Providence commonly about the Middle " of the ſeveral Continents, that they might ſerve to ſtop, or " at leaſt to collect, freſh Water, for the Support of vegetable " and animal Life in the adjacent Countries. By their Height " they are alſo of ſignal Uſe and Service in giving the proper " Deſcent to the Streams thus produced, to the End that they " may flow gently, as the Fluids in the Veſſels of the Body do, " thro' every Part, in order to render them of more general " Uſe and Benefit: And from the extraordinary Preſſure of " the ſubterranean, deſcending Waters, probably, proceeds the " free and plentiful Riſe of Springs in Wells dug in lower " Grounds."

FINIS.

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Chronological Notes for the Year 1774.

Golden Number	8	Septuageſima Sunday	Jan. 30
Cycle of the Sun	19	Shrove Sunday	Feb. 13
The Epact	17	Eaſter Day	April 3
Dominical Letter	B	Whitſunday	May 22
Number of Direction	13	Trinity Sunday	May 29
Roman Indiction	7	Advent Sunday	Nov. 27

Aſtronomical Characters explained.

♈ Aries	♋ Cancer	♎ Libra	♑ Capricorn
♉ Taurus	♌ Leo	♏ Scorpio	♒ Aquarius
♊ Gemini	♍ Virgo	♐ Sagitary	♓ Piſces

♄ Saturn	☉ Sol (the Sun)	☽ Luna (the Moon)	⊖ Tellus,
♃ Jupiter	♀ Venus	☊ Moon's N. Node	Terra (or
♂ Mars	☿ Mercury	☋ her S. Node	the Earth)

☌ Conjunction when Planets are in the ſame Sign, Deg. Min. &c.
✶ Sextile when 2 Signs diſt. △ Trine when 4 Signs diſt.
□ Quartile when 3 Signs diſt. ☍ Oppoſition when 6 Signs diſt.

Of the Four Quarters of the Year 1774.

THE Spring Quarter begins on the 20th Day of March, at 44 Minutes paſt Noon.
The Summer Quarter begins June 21ſt, 1 Minute paſt 11 in the Morning.
The Autumnal Quarter begins September 22, 28 Minutes paſt Midnight.
The Winter Quarter begins December 21ſt, 47 Minutes paſt 4 at Night.

THE beautiful Planet Venus is an Evening Star to the 22d Day of March; at which Time ſhe becomes a Morning Star, and ſo continues to the Year's End.

Jupiter is an Evening Star until the 11th Day of April, and after that Time he will be a Morning Star, until the 3d Day of November, at which Time he becomes again an Evening Star, and ſo continues to the Year's End.

A TABLE of the Longitudes, Latitudes, and Magnitudes, of the moſt remarkable FIXED STARS that the MOON can Eclipſe, or make a near Appulſe unto; taken from Mr. FLAMSTED's HISTORIA COELESTIS, and rectified to the Beginning of the Year 1760.

Conſtel-lations.	Bay. Ch.	Longitude. ° ′ ″	Latitude. ° ′ ″	Magni.	Conſtel-lations.	Bay. Ch.	Longitude. ° ′ ″	Latitude. ° ′ ″	Magni.
♈	δ	♈ 10 47 37	2 9 44 B.	4	Wg	ε	♎ 0 0 37	5 0 22 B.	4-3
	ε	14 10 31	1 4 7 B.	4		ι	1 29 12	1 22 1 B	3
	ζ	16 30 33	0 23 25 A.	4		γ	6 50 31	2 10 53 B.	3
	η	23 27 40	5 21 7 B.	4		θ	14 52 43	1 45 29 B	4
♉	δ	♉ 17 28 38	1 47 34 B.	4	Spica	α	20 29 41	2 2 1 39 A.	1
♉	η	26 38 28	4 0 37 B.	3		χ	♍ 1 0 0	2 55 40 B.	4
	γ	♊ 2 25 54	5 46 22 A.	3		α	11 45 0	0 22 51 B.	2
	ε	5 5 31	2 35 58 A.	3-4		γ	21 47 13	4 25 27 B.	3-4
Ald.	α	6 25 20	5 29 40 A.	1		η	24 0 58	4 2 52 B.	4
	ι	13 25 56	1 14 34 A.	4		δ	26 31 24	3 30 4 B.	4
	β	19 12 16	5 21 34 B.	2			27 8 30	0 7 50 B.	4
	ζ	21 25 48	2 14 21 A.	3	♍	β	29 12 10	1 56 31 A.	3
♊	μ	♋ 1 56 30	0 51 22 A.	3		ν	29 35 45	5 25 46 A.	3
	ν	3 26 40	3 6 3 A.	4		ξ	29 51 16	1 3 9 B	2
	γ	5 44 38	6 47 39 A.	2-3		υ	♐ 1 18 31	1 40 50 B.	4
	δ	6 34 57	2 1 30 B.	3	Cor.	π	6 24 24	4 31 26 A.	4
	ζ	11 37 51	2 5 27 A.	3-4		ρ	8 6 16	6 4 23 A.	4
	θ	15 9 36	0 13 7 A.	3	♐	λ	27 54 7	6 55 51 A.	3
	β	19 54 29	6 39 27 B.	2		δ	♑ 1 12 32	6 25 21 A.	3
♋	γ	♌ 4 11 20	3 9 41 B.	4		λ	2 58 25	2 4 1 A.	4
	δ	5 22 0	0 3 46 B.	4		σ	9 1 32	3 23 32 A.	4-3
♌	ξ	18 18 4	3 11 22 A.	4		τ	11 28 30	5 1 12 A.	4
	θ	20 54 28	3 46 50 A.	3-4		ω	11 39 6	0 54 38 B.	4
	ι	24 32 44	4 50 20 B.	3-4		φ	12 55 3	1 28 59 B.	4
	π	25 57 24	3 56 18 A.	4	♑	β	♒ 0 42 17	4 37 27 B.	3
Cor.	α	26 29 40	0 26 38 B.	1		χ	18 26 2	2 31 18 A.	4
♌	ζ	♍ 3 2 10	0 7 48 B.	4		ψ	20 11 34	2 32 19 A.	3
	τ	18 9 22	0 34 4 A.	4		ι	25 22 21	2 3 15 A.	4
♍	β	29 44 34	0 40 47 B.	3		θ	29 54 [illegible]	2 43 47 B.	4

I have inſerted this Table to oblige the Curious. If 50 Seconds be added for every ſucceeding, and ſubtracted for every preceding, Year, the Longitudes may be found at all Times, and the Latitudes vary not.

A 2

TABLE of the Difference of Meridians in Time, from the ROYAL OBSERVATORY near LONDON, and of the Latitudes of several famous Cities, and other remarkable Places.. Taken from Dr. HALLEY's TABLES.

NAMES of PLACES.	Diff. Mer.			Alt. of Pole.			
	h.	m.	s.		d.	m.	s	
Alexandria in Egypt	2	1	6	A.	31	7	0	N.
Athens in Greece	1	35	30	A.	38	5	0	N.
Babylon in Egypt, Grand Cairo	2	5	45	A.	30	2	30	N.
Berlin in Brandenburg	0	53	50	A.	52	33	0	N.
Cape of Good Hope in Africa	1	8	0	A.	34	15	0	S.
Cadiz in Spain	0	24	28	S.	36	33	30	N.
Carthagena in America	5	0	46	S.	10	26	0	N.
Copenhagen in Denmark	0	51	0	A.	55	40	45	N.
Dantzick in Poland	1	15	12	A.	54	22	0	N.
Iſland of St. Helen	0	24	0	S.	15	55	0	S.
Jeruſalem	2	21	20	A.	31	55	0	N.
London at St. Paul's	0	0	20	S.	51	30	40	N.
Liſbon in Portugal	0	36	50	S.	38	42	30	N.
Moſcow in Ruſſia	2	41	20	A.	55	36	0	N.
Naples in Italy	0	58	40	A.	40	50	45	N.
Obſervatory at Greenwich	0	0	6	—	51	28	30	N.
Obſervatory at Paris	0	9	20	A.	48	50	10	N.
Oxford	0	5	4	S.	51	45	0	N.
Peterſburg in Ruſſia	2	1	20	A.	60	0	0	N.
Pekin in China	7	45	20	A.	39	54	0	N.
Porto Bello in America	5	19	20	S.	9	33	5	N.
Prague in Bohemia	0	59	0	A.	50	4	30	N.
Rome, the Metropolis of Italy	0	50	0	A.	41	54	0	N.
Rochelle in France	0	5	4	S.	46	9	43	N.
Smyrna in Turky	1	49	19	A.	58	28	7	N.
Teneriff Mountain	1	6	12	S.	28	23	27	N.
Terra del Gada in Madagaſcar	2	58	0	A.	19	29	0	S.
Tornea in Lapland	1	35	15	A.	65	50	50	N.
Venice in Italy	0	48	18	A.	45	25	0	N.
Vienna in Auſtria	1	5	30	A.	48	12	48	N.
Upſal in Sweden	1	11	0	A.	59	51	50	N.

A TABLE of the KINGS and QUEENS of ENGLAND since the CONQUEST.

Kings and Queens.	Born A.D.	Began their Reign.			Reigned Y.	M.	D.	Age.	Rem. Deaths and Dethroned.	Where buried.
Will. Conq.	1027	1066	Oct.	14	20	10	26	60	Burst by Leap.	Caen, Norm
Will. Rufus	1057	1087	Sept.	9	12	10	24	43	Slain accidentally.	Winchester
Henry I.	1058	1100	Aug.	2	35	4	0	77		Reading
Stephen	1105	1135	Dec.	1	18	10	24	49		Feversham
Henry II.	1134	1154	Oct.	25	34	8	12	55		Fonteverau
Richard I.	1156	1189	July	6	9	9	0	43	Slain with an Arrow.	Fonteverau
John	1166	1199	April	6	17	6	13	50		Worcester
Henry III.	1207	1216	Oct.	19	56	0	28	65		Westminste
Edward I.	1239	1272	Nov.	16	34	7	21	67		Westminste
Edward II.	1284	1307	July	7	19	6	13	43		Glocester
Edward III.	1312	1327	Jan.	20	50	5	1	65		Westminste
Richard II.	1366	1377	June	21	22	3	8	33	Dep. & murd.	Westminste
Henry IV.	1367	1399	Sept.	29	23	5	21	46		Canterbury
Henry V.	1389	1413	Mar.	20	9	5	11	33		Westminste
Henry VI.	1421	1422	Aug.	31	38	6	4	49	Dep. & murd.	Windsor
Edward IV.	1442	1461	Mar.	4	22	1	5	41		Windsor
Edward V.	1471	1483	April	9	0	2	15	12	Murder'd.	Not known
Richard III.	1443	1483	June	22	2	2	0	42	Slain in Battle.	Leicester
Henry VII.	1457	1485	Aug.	22	23	8	0	52		Westminste
Henry VIII.	1492	1509	April	22	37	9	6	55		Windsor
Edward VI.	1537	1547	Jan.	28	6	5	9	15		Westminste
Mary I.	1516	1553	July	6	5	4	11	42	Died of Grief.	Westminste
Elizabeth	1533	1558	Nov.	17	44	4	7	69		Westminste
James I.	1566	1603	Mar.	24	22	6	3	58		Westminste
Charles I.	1600	1625	Mar.	27	23	10	3	48	Murder'd by Villains.	Windsor
Charles II.	1630	1649	Jan.	30	36	0	7	54		Westminste
James II.	1633	1685	Feb.	6	4	0	7	67	Abdicated.	St. Germair
Mary II.	1662	1689	Feb.	13	5	10	15	32		Westminste
William III.	1650	1689	Feb.	13	13	0	23	52	Kill'd by a Fall	Westminste
Anne	1665	1702	Mar.	8	12	4	24	49	from his Horse.	Westminste
George I.	1660	1714	Aug.	1	12	10	10	67		Hanover
George II.	1683	1727	June	11	33	4	14	77		Westminste
George III.	1738	1760	Oct.	25	Whom God prosper.					

All hail! Great GEORGE renowned Prince of Might,
Our King by Providence, and lawful Right,
ROME's fatal Foe, and Protestant's Delight,
May Peace and Plenty all your Days remain,
And NESTOR's Years conclude your happy Reign.

A TABLE of the moſt Reverend, Right Reverend, and Reverend, the BISHOPS and DEANS, exerciſing Eccleſiaſtical Juriſdiction, 1774.

BISHOPS.	Sees.	Date.	Succeeded.	DEANS.
L. Dr. F. Cornwallis Arch-Biſhop	Litch. & Cov.	1749	Smallbroke dec.	
	Canterb. A. B	1768	Secker deceaſ.	Dr. Moore
H. Dr. R. Drummond Arch-Biſhop	St. Aſaph	1748	Liſle tranſl.	
	Saliſbury	1761	Thomas tranſl.	
	York A. B.	1761	Gilbert deceaſ.	Dr. J. Fountayne
Dr. Rich. Terrick	Peterborough	1757	Thomas tranſl.	
	London	1764	Oſbaldeſton de.	Rt. Rev. Dr. Thomas Newton
Dr. John Egerton	St. David's	1744	Willes tranſl.	
	Durham	1752	Trevor deceaſ.	H. D. Spen Cowper
Dr. John Thomas	Peterborough	1747	Clavering dec.	
	Saliſbury	1757	Gilbert tranſl.	
	Winchester	1761	Hoadley dec.	Dr. Ogle
Dr. Edmund Keene	Landaff	1738	Harris deceaſed	
	Chicheſter	1752	Peploe deceaſed	
	Ely	1771	Mawſon dec.	Dr. Hugh Thomas
Dr. Edward Willes	St. David's	1742	Clagget tranſl.	
	Bath & Wells	1743	Wynn deceaſed	Ld. Fr. Seymour
Lord J. Beauclerk	Hereford	1746	Egerton deceaſ.	Dr. Wetherell
Dr. Zachary Pearce	Bangor	1747	Hutton tranſl.	
	Rocheſter	1756	Wilcox dec.	Dr. B. Newcome
Dr. Will. Markham	Cheſter	1771	Keene tranſlat.	Dr. Will. Smith
Dr. James Johnſon	Glouceſter	1752	Benſon deceaſ.	
	Worceſter	1759	Maddox deceaſ.	Hon. W. Digby
Sir W. Aſhburnham	Chicheſter	1754	Mawſon tranſl.	Dr. Harward
Dr. John Hume	Briſtol	1756	Conybeare dec.	
	Oxford	1758	Secker tr.	
	Saliſbury	1766	Thomas tr.	Dr. Tho. Green
Hon. Dr. B. North	Bangor	1756	Pearce tranſ.	
	Litch. & Cov.	1768	Cornwallis tr.	Dr. J. Addenbrook
Dr. Philip Yonge	Briſtol	1758	Hume tranſlat.	
	Norwich	1761	Hayter tranſl.	Dr. Philip Lloyd
Dr. Will. Warburton	Glouceſter	1759	Johnſon tranſl.	Dr. Joſiah Tucker
Dr. John Ewer	Landaff	1761	Newcomb tran.	
	Bangor	1768	Egerton tranſ.	Dr. Thom. Lloyd
Dr. John Green	Lincoln	1761	Thomas tran.	Hon. John Yorke
Dr. Thomas Newton	Briſtol.	1761	Yonge tranſl.	Dr. Cutts Barton
Hon. Dr. Fred Keppel	Exeter	1761	Lavington dec.	Dr. Jer. Milles
Dr. John Hinchcliffe	Peterborough	1769	Lamb dec.	Dr. Ch. Tarrant
Dr. Robert Lowth	St. David's	1766	Squire deceaſ.	
	Oxford	1766	Hume tranſl.	Dr. W. Markham
Dr. Charles Moſs	St. David's	1766	Lowth tranſl.	
Dr. Edmund Law	Carliſle	1769	Lyttelton dec.	Dr. Tho. Wilſon
Dr. J. Shipley	St. Aſaph	1769	Newcome dec.	Dr. Will. Herring
Dr. S. Barrington	Landaff	1769	Shipley tranſl.	J. Fulham, M. A.
	Weſtminſter	1768		Dr. John Thomas
Dr. —— Richmond	Sodor & Man	1773	Hildeſley dec.	
	Windſor	1765		Rt. Rev. Dr. Fred. Keppel

January, 1774.

Days	Day lig. begins.	Day lig. ends.	Durat. Twilig.	Node ☽ in ♍	Lat. ♄ North.	Lat. ♃ South.	Lat. ♂ South.	Lat. ♀ South.	Lat. ☿ North.
1	5 59	6 1	2 10	26 3	2 13	1 28	0 58	1 26	2 54
7	5 56	6 4	2 9	25 43	2 [illegible]	1 [illegible]	0 59	0 47	2 7
13	5 52	6 8	2 7	25 23	2 [illegible]	1 [illegible]	2 [illegible]	0 [illegible]	1 11
19	5 46	6 14	2 5	25 3	2 18	1 24	1 2	0N.26	0 17
25	5 39	6 21	2 3	24 42	2 19	1 12	1 [illegible]	1 10	0S.31

Days	☉ d.	m.	s.	☽	☊	Lat. ☽	♄	♅	♃	♈	♂	♓	♀	♒	☿	♐
1	11	15	46	20 16	2S.53	26 10	1 49	16 14	28 8	21 8						
8	12	16	58	2♍57	1 54	26 10	1 56	17 0	29 12	21 21						
3	13	18	9	15 51	0 48	26 11	2 4	17 47	0♓16	21 41						
4	14	19	20	29 0	0N.21	26 11	2 11	18 33	1 19	22 8						
5	15	20	31	12♎25	1 32	26R12	2 19	19 20	2 22	22 42						
6	16	21	41	26 11	2 38	26 11	2 27	20 6	3 25	23 21						
7	17	22	50	10♍18	3 37	26 11	2 35	20 53	4 28	24 5						
8	18	23	59	24 45	4 23	26 10	2 43	21 40	5 30	24 53						
8	19	25	8	9♐29	4 53	26 10	2 52	22 26	6 32	25 46						
10	20	26	17	24 27	5 3	26 9	3 0	23 13	7 34	26 43						
11	21	27	25	9♑27	4 53	26 8	3 9	24 0	8 35	27 43						
12	22	28	33	24 21	4 23	26 8	3 18	24 47	9 36	28 46						
13	23	29	40	9♒ 0	3 38	26 7	3 27	25 34	10 36	29 52						
14	24	30	46	23 15	2 36	26 6	3 37	26 21	11 36	1♑ 0						
15	25	31	52	7♓ 2	1 29	26 5	3 46	27 8	12 35	2 10						
8	26	32	58	20 21	0 17	26 4	3 55	27 55	13 33	3 22						
17	27	34	3	3♈15	0S.51	26 2	4 5	28 42	14 31	4 36						
18	28	35	8	15 47	1 55	26 1	4 14	29 29	15 29	5 51						
19	29	36	12	28 2	2 53	25 59	4 24	0♒16	16 26	7 8						
20	♒	37	44	10♉ 5	3 43	25 58	4 34	1 3	17 23	8 26						
21	1	38	16	21 59	4 22	25 56	4 44	1 50	18 19	9 45						
22	2	39	18	3♊52	4 49	25 54	4 54	2 37	19 14	11 6						
8	3	40	19	15 45	5 5	25 52	5 4	3 24	20 5	12 28						
24	4	41	18	27 42	5 6	25 50	5 15	4 11	21 2	13 51						
25	5	42	16	9♋48	4 55	25 48	5 25	4 58	22 56	15 15						
26	6	43	13	22 0	4 30	25 45	5 35	5 45	22 45	16 40						
27	7	44	9	4♌28	3 52	25 43	5 46	6 32	23 39	18 6						
28	8	45	4	17 0	3 2	25 41	5 57	7 19	24 30	19 33						
29	9	45	57	29 48	2 7	25 38	6 8	8 6	25 21	21 1						
8	10	46	49	12♍48	0 54	25 36	6 19	8 53	26 11	22 30						
31	11	47	41	25 58	0N.17	25 33	6 30	9 41	27 0	23 59						

Days	Jupiter sets.	Mars sets.	Venus sets.	Mercu. rises.	Dec. ♄ North.	Dec. ♃ South.	Dec. ♂ South.	Dec. ♀ South.	Dec. ☿ South.
1	11A.21	4A.15	8A.10	6M.18	3 32	0 29	23 26	13 21	20 18
7	11 0	4 13	8 22	6 32	3 34	0 [illegible]	23 48	10 37	20 54
13	10 38	4 12	8 33	6 17	3 36	0N.13	22 4	7 49	22 28
19	10 17	4 12	8 43	6 28	3 40	0 36	21 8	5 0	23 0
25	9 52	[illegible]	8 50	6 40	3 46	1 2	20 3	2 5	23 7

February hath XXVIII. Days. White.

The Lunations.

Last Quarter the 4th Day, 52 Minutes past 2 in the Morning.
New Moon the 10th Day, 41 Minutes past 8 at Night.
First Quarter the 18th Day, 4 Minutes past Noon.
Full Moon the 26th Day, 33 Minutes past 10 in the Morning.

M D.	Sundays & other remark. Days.	Sun rises	Sun sets.	Dec. ☉ South.	Dec. ☽ South.	Moon rises.	Moon south.	Clock bef. Sun
1		7 26	4 35	16 59	2 19	10A.20	3M.17	14 11
2	Purif B.V Mary	7 24	4 37	16 42	6 30	11 34	4 6	14 18
3	Blase.	7 22	4 39	16 24	10 21	Morn.	4 57	14 24
4		7 20	4 40	16 6	13 43	0 48	5 50	14 29
5	Agatha V. & M.	7 18	4 42	15 48	16 17	2 0	6 45	14 34
B	Sexages. Sund.	7 16	4 44	15 30	17 55	3 21	7 42	14 38
7		7 14	4 46	15 11	18 19	4 16	8 41	14 42
8		7 12	4 48	14 52	17 35	5 12	9 40	14 44
9		7 11	4 49	14 33	15 42	6 0	10 38	14 45
10		7 10	4 51	14 13	12 51	☽ sets.	11 35	14 46
11		7 8	4 53	13 53	9 19	5A.55	0A.31	14 46
12	Term ends	7 6	4 55	13 33	5 18	7 4	1 20	14 46
B	Shrove Sun.	Old Candlem. D.		13 13	1 14	8 19	2 9	14 45
14	Valentine B. M.	7 3	4 58	12 53	2N.48	9 28	2 55	14 43
15	Shrove Tuesday.	7 1	5 0	12 32	6 38	10 33	3 41	14 40
16	Ash Wednesday.	6 59	5 2	12 12	10 5	11 36	4 27	14 36
17		6 57	5 4	11 51	13 3	Morn.	5 13	14 31
18		6 55	5 6	11 29	15 24	0 38	5 58	14 25
19		6 53	5 8	11 8	17 7	1 34	6 45	14 19
B	1 Sun. in Lent.	6 51	5 10	10 47	18 4	2 28	7 32	14 12
21		6 49	5 12	10 25	18 14	3 25	8 20	14 5
22		6 47	5 14	10 3	17 35	4 9	9 9	13 57
23	Ember Week.	6 45	5 16	9 41	16 6	4 50	9 57	13 49
24	St. Matthias.	6 43	5 18	9 19	13 49	5 27	10 46	13 40
25		6 41	5 20	8 57	10 46	5 49	11 35	13 30
26		6 39	5 22	8 34	7 12	☽ rises.	Morn.	13 19
B	2 Sun. in Lent.	6 38	5 23	8 12	3 10	6A.56	0 24	13 8
28		6 36	5 25	7 49	1S. 7	8 9	1 14	12 56

Days	Day increas.	Length of Day.	Helioc. Plac. ♄	Helioc. Plac. ♃	Helioc. Plac. ♂	Helioc. Plac. ☉	Helioc. Plac. ♀	Helioc. Plac. ☿	Saturn rises.
1	2 25	9 9	21♍2	15♈58	8♒49	12♉49	11♋49	16♐22	8A.21
7	1 47	9 31	21 35	16 31	12 34	18 53	21 35	3♑3	7 56
13	2 8	9 52	21 51	17 4	16 21	24 57	1♌18	20 41	7 30
19	2 31	10 15	22 4	17 37	20 9	1♍0	11 3	20♒9	7 4
25	2 55	10 39	22 16	18 10	23 57	7 2	20 48	2♓32	6 38

The NAMES of the Learned JUDGES of the LAW.

I. The R. H. Henry Lord Apſley, Lord High Chancellor of Great Britain.
Right Honourable Sir Thomas Sewell, Knt. Maſter of the Rolls.

II. In the } R. H. Wm. Lord Mansfield, L. C. J. Sir Richard Aſton, Knt.
K. Bench. } Edward Willes, Eſq; Sir W. H. Ashurſt, Knt.

III. In the } R. H. Sir William de Grey, Knt. L. C. J. Sir Henry Gould, Knt.
C. Pleas. } Sir William Blackſtone, Knt. Sir George Nares, Knt.

IV. In the } Sir Sidney Stafford Smythe, Knt. L. C. B. Sir Rich. Adams, Knt.
Exchequer } George Perrot, Eſq; Sir James Eyre, Knt.

Edw. Thurloe, Eſq; Att. Gen. Alex. Wedderburn, Eſq; Sol. Gen.

A TABLE of TERMS and their RETURNS.

Hilary Term begins Jan. 24, ends Feb. 12.

Returns or Eſſoign-days.		Exc.	Ret.	Ap.	W. D.
In eight Days of St. Hilary,	Jan. 20	21	22	24	Monday
From the Day of St. Hilary in 15 Days	27	28	29	31	Monday
On the Morrow of the Purif. Bleſſed Mary,	Feb. 3	4	5	7	Monday
In eight Days of the Purif. of Bleſſed Mary,	9	10	11	12	Saturday

Eaſter Term begins April 20, ends May 16.

From the Day of Eaſter in 15 Days,	April 17	18	19	20	Wedn.
From the Day of Eaſter in 3 Weeks,	24	25	26	27	Wedn.
From the Day of Eaſter in 1 Month,	May 1	2	3	4	Wedn.
From the Day of Eaſter in 5 Weeks,	8	9	10	11	Wedn.
On the Morrow of the Aſcenſion,	13	14	15	16	Monday

Trinity Term begins June 3, ends June 22.

On the Morrow of the Holy Trinity,	May 30	31	J. 1	3	Friday
In 8 Days of the Holy Trinity,	June 5	6	7	8	Wedn.
In 15 Days of the Holy Trinity,	12	13	14	15	Wedn.
In 3 Weeks of the Holy Trinity,	19	20	21	22	Wedn.

Michaelmas Term begins Nov. 7, ends Nov. 28.

On the Morrow of All Souls,	Nov. 3	4	5	7	Monday
On the Morrow of St Martin,	12	13	14	15	Tuesday
In eight Days of St. Martin,	18	19	20	21	Monday
In 15 Days of St. Martin,	25	26	27	28	Monday

N. B. No Sittings in Weſtminſter-Hall on Aſcenſion-day, Midſummer-day, and the 2d of February.

The Exchequer opens eight Days before any Term begins, except Trinity, before which it opens but four Days.

Note, That the firſt and laſt Days of every Term, are the firſt and laſt Days of Appearance.

March hath XXXI Days. White.

The Lunations.

Last Quarter the 5th Day, 20 Minutes past 10 in the Morning.
New Moon the 12th Day, 57 Minutes after 9 in the Morning.
First Quarter the 20th Day, 31 Minutes past 8 in the Morning.
Full Moon the 27th Day, 22 Minutes after 11 at Night.

M D.	Sunday & other remark. Days.	Suns rises.	Sun sets.	Dec. ☉ South.	Dec. ☽ South.	Moon rises.	Moon South.	Clock bef. Sun
1	David	6 34	5 27	7 26	5 23	9 A. 22	2 M 4	12 44
2	Chad. B. Litchf.	6 32	5 29	7 3	9 24	10 38	2 55	12 32
3		6 30	5 31	6 40	12 55	11 52	3 48	12 19
4		6 28	5 33	6 17	15 40	Morn.	4 43	12 6
5		6 26	5 35	5 54	17 29	1 5	5 40	11 52
F 6	1 Sun. in Lent.	6 24	5 37	5 31	18 13	2 11	6 37	11 38
7		6 22	5 39	5 8	17 50	3 9	7 33	11 23
8		6 20	5 41	4 44	16 17	3 57	8 31	11 8
9		6 18	5 43	4 21	13 54	4 40	9 27	10 53
10		6 16	5 45	3 57	10 38	5 16	10 21	10 37
11		6 14	5 47	3 34	6 53	5 47	11 14	10 21
12	Gregory	6 12	5 49	3 10	2 52	☽ sets.	0 A. 4	10 5
B 13	Midlent Sund.	6 10	5 51	2 47	1 N. 14	7 A. 15	0 52	9 48
14		6 8	5 53	2 23	5 11	8 21	1 38	9 31
15		6 6	5 55	1 59	8 50	9 25	2 24	9 12
16		6 4	5 57	1 36	12 0	10 29	3 11	8 55
17	St. Patrick	6 2	5 59	1 12	14 37	11 31	3 58	8 37
18	Edw. K. W. Sax.	6 0	6 1	0 48	16 33	Morn.	4 45	8 19
19		5 58	6 3	0 25	17 47	0 29	5 31	8 1
F 20	5 Sun. in Lent.	5 56	6 5	0 1	18 15	1 22	6 18	7 43
21	Benedict	5 54	6 7	0 N. 23	17 54	2 7	7 6	7 24
22		5 52	6 9	0 46	16 43	2 52	7 54	7 5
23		5 50	6 11	1 10	14 45	3 30	8 43	6 46
24		5 48	6 13	1 34	12 1	4 3	9 32	6 28
25	Lady Day	Camb. T. ends.		1 57	8 38	4 34	10 22	6 9
26	Oxf. Term ends	5 44	6 17	2 21	4 44	5 3	11 11	5 50
B 27	Palm Sunday	5 43	6 18	2 44	0 27	☽ rises.	Morn.	5 31
28		5 41	6 20	3 8	3 S. 52	7 A. 15	● 2	5 13
29		5 39	6 22	3 31	8 10	8 30	0 54	4 54
30		5 37	6 24	3 54	11 58	9 47	1 48	4 36
31	Maundy Thursd.	5 35	6 26	4 17	15 3	11 2	2 44	4 17

Days	Day increas.	Length of Day.	Helioc. Place. ♄	Helioc. Place. ♃	Helioc. Place. ♂	Helioc. Place. ☉	Helioc. Place. ♀	Helioc. Place. ☿	Saturn rises.
1	3 9	10 53	22 ♒ 24	18 ♈ 32	26 ♎ 29	11 ♓ 2	27 ♌ 19	19 ♈ 43	6 A. 23
7	3 33	11 17	22 36	19 5	0 ♑ 16	17 2	7 ♍ 4	19 ♈ 44	5 59
13	3 57	11 41	22 49	19 38	4 5	23 1	16 48	24 ♓ 53	sets.
19	4 21	12 5	23 1	20 10	7 53	28 59	26 32	2 ♉ 36	6 M. 14
25	4 45	12 29	23 13	20 43	11 42	4 ♑ 55	6 ♎ 14	8 ♌ 8	5 50

March, 1774.

Days	Day lig. begins.	Day lig. ends.	Durat. Twilig.	Node ☽ in ♍	Lat. ♄ North.	Lat. ♃ South.	Lat. ♂ South.	Lat. ♀ North.	Lat. ☿ South.
1	4 43	7 17	1 55	22 46	2 27	1 7	1 4	6 47	1 3
7	4 30	7 30	1 56	22 27	2 27	1 6	1 3	7 40	0 4
13	4 17	7 43	1 57	22 7	2 28	1 6	1 3	8 17	0N.
19	4 4	7 56	1 58	21 48	2 28	1 5	1 2	8 27	1 3
25	3 50	8 10	2 0	21 29	2 28	1 5	1 1	8 5	2 3

Days	☉ d.	☉ m.	☉ s.	☽	☽ Lat.	☽	♄ ℞	♅	♆	♂	♐	♀	♈	☿	♐
1	11	2	13	19 33	2N.	26	23 43	12 31	2	33	11	2	13	2	
2	12	2	19	3♍31	3	30	23 39	12 44	3	21	11	3	15	1	
3	13	2	23	17 36	4	21	23 34	12 58	4	8	11℞	1	17	1	
4	14	2	26	1♎46	4	58	23 30	13 11	4	56	10	57	19		
5	15	2	27	15 57	5	16	23 25	13 25	5	43	10	50	21		
6	16	2	25	0♑ 8	5	15	23 20	13 39	6	30	10	41	23		
7	17	2	20	14 19	4	55	23 16	13 53	7	17	10	30	25		
8	18	2	13	28 24	4	20	23 11	14 6	8	4	10	16	26	5	
9	19	2	3	12♒18	3	24	23 6	14 20	8	52	9	59	28	5	
10	20	1	52	26 10	2	20	23 1	14 34	9	39	9	40	0♈	5	
11	21	1	38	9♓45	1	9	22 56	14 48	10	26	9	19	2	4	
12	22	1	22	23 5	0S.	5	22 52	15 2	11	13	8	55	4	3	
B	23	1	5	6♈ 8	1	16	22 47	15 16	12	0	8	29	6	3	
14	24	0	45	18 55	2	23	22 42	15 30	12	47	8	1	8	1	
15	25	0	23	1♉26	3	21	22 38	15 44	13	34	7	31	10		
16	25	59	59	13 41	4	9	22 33	15 58	14	21	7	0	11	4	
17	26	59	34	25 47	4	45	22 28	16 12	15	8	6	27	13	2	
18	27	59	7	7♊45	5	8	22 24	16 26	15	55	5	52	15		
19	28	58	39	19 39	5	18	22 19	16 40	16	42	5	16	16	3	
B	29	58	10	1♋33	5	13	22 14	16 54	17	29	4	39	17	5	
21	♈	57	38	13 31	4	56	22 10	17 8	18	16	4	2	19	1	
22	1	57	3	25 40	4	25	22 5	17 23	19	3	3	24	20	2	
23	2	56	25	8♌ 1	3	42	22 0	17 37	19	50	2	47	21	3	
24	3	55	45	20 40	2	47	21 56	17 51	20	37	2	9	22	3	
25	4	55	4	3♍38	1	42	21 51	18 5	21	24	1	32	23	3	
26	5	54	21	17 0	0	30	21 47	18 20	22	11	0	55	24	1	
B	6	53	36	0♎42	0N.	46	21 42	18 34	22	58	0	19	24	5	
28	7	52	49	14 44	2	1	21 38	18 48	23	44	29♈	44	25		
29	8	51	59	29 1	3	9	21 33	19 3	24	31	29	10	25		
30	9	51	7	13♏28	4	7	21 29	19 17	25	18	28	37	26	5	
31	10	50	14	28 0	4	48	21 24	19 31	26	5	28	6	26		

Days	Jupiter sets.	Mars riser.	Venus sets.	Mercu. sets.	Dec. ♄ North.	Dec. ♃ North.	Dec. ♂ South.	Dec. ♀ North.	Dec. ☿ South.
1	8A. 21	6M. 9	8A. 38	5A. 36	4 42	3 55	11 34	10 35	8
7	8 7	6 12	8 16	6 11	4 53	4 28	9 51	11 22	2
13	7 53	5 58	7 44	7 10	5 5	5 1	8 2	10 57	2N.
19	7 38	5 43	7 2	7 48	5 17	5 34	6 12	9 32	7
25	7 25	5 29	rifer.	8 10	5 28	6 0	4 21	7 57	11

The Lunations.

Laſt Quarter the 3d Day, 58 Minutes paſt 4 in the Afternoon.
New Moon the 12th Day, 20 Minutes paſt Midnight.
Firſt Quarter the 19th Day, 21 Minutes after 3 in the Morning.
Full Moon the 26th Day, 31 Minutes paſt 9 in the Morning.

M D.	Sunday & other remark. Days.	Sun riſes.	Sun ſets.	Dec. ☉ North.	Dec. ☽ South.	Moon riſes.	Moon South.	Clock ſet. Sun
1	Good Friday	5 33	6 28	4 41	17 21	Morn.	♌42	3 59
2		5 31	6 30	5 4	18 20	0 13	4 39	3 41
3	Eaſter Day.	Richard	6 32	5 27	18 4	1 12	5 40	3 23
4	Eaſter Monday.	5 27	6 34	5 50	18 50	2 5	6 36	3 5
5	Eaſter Tueſday.	Old Lady Day.	6 32	14 36	2 48	7 32		2 47
6		5 23	6 38	6 35	11 36	3 25	8 25	2 30
7		5 21	6 40	6 58	8 1	3 57	9 16	2 12
8		5 19	6 42	7 20	4 6	4 26	10 5	1 54
9		5 17	6 44	7 42	0 5	4 51	10 52	1 37
10	Low Sunday.	5 15	6 46	8 4	3N.54	5 15	11 38	1 20
11		5 13	6 48	8 26	7 41	☽ ſets.	0A 26	1 3
12		5 11	6 50	8 48	11 2	8A.25	1 12	0 47
13	Oxf.& C.T.beg.	5 10	6 51	9 10	13 54	9 27	1 53	0 31
14		5 8	6 53	9 32	16 4	10 29	2 45	0 15
15		5 6	6 55	9 53	17 34	11 22	3 38	onſ. 1
16		5 4	6 57	10 14	18 17	Morn.	4 20	0 16
17	2. S. aft. Eaſter.	5 2	6 59	10 36	18 12	0 12	5 7	0 30
18		5 0	7 1	10 57	17 20	0 56	5 54	0 43
19	Alphage.	4 58	7 3	11 17	15 38	1 34	6 42	0 57
20	Term begins.	4 56	7 5	11 38	13 13	2 10	7 30	1 10
21		4 54	7 7	11 58	10 8	2 41	8 18	1 23
22		4 52	7 9	12 18	6 28	3 9	9 7	1. 36
23	St. George.	4 51	7 10	12 38	2 21	3 37	9 57	1 49
24	3 S. aft. Eaſter.	4 49	7 12	12 58	2S. 8	4 3	10 48	2 1
25	St. Mark.	4 47	7 14	13 18	6 26	4 32	11 42	2 13
26		4 45	7 16	13 37	10 33	☽ riſes.	Morn.	2 24
27		4 43	7 18	13 57	14 4	8A.49	0 38	2 32
28		4 41	7 20	14 15	16 40	10 3	1 36	2 44
29		4 40	7 21	14 34	18 8	11 12	2 35	2 51
30		4 30	7 23	14 52	18 21	Morn.	3 36	3 0

5	Day increaſ.	Length of Day.	Helioc. Plac. ♄	Helioc. Plac. ♃	Helioc. Plac. ♂	Heliоc Plac. ☉	Heliоc. Plac. ♀	Heliоc. Plac. ☿	Saturn ſets.
1	5 11	12 55	23♍28	21♈22	16♓ 7	11♌49	17♎32	12♐52	5♑24
2	5 35	13 19	23 40	21 55	19 54	17 43	27 11	7♎ 3	5 8
3	5 58	13 42	23 52	22 28	23 40	23 36	6♏49	27 35	4 36
4	6 21	14 5	24 4	23 1	27 25	29 27	16 25	15♏47	4 17
5	6 43	14 27	24 17	23 34	1♈ 9	5♍17	26 0	2♐42	3 54

Days	Day lig. begins.	Day lig. ends.	Durat. Twilig.	☽ Node in ♍	Lat. ♄ North.	Lat. ♅ South.	Lat. ♂ South.	Lat. ♀ North.	Lat. ☿ North.
1	3 33	8 27	2 8	21 6	2 28	1 4	0 58	6 57	3 16
7	3 17	8 43	2 8	20 48	2 27	1 4	0 56	5 43	2 53
13	3 2	8 58	2 11	20 29	2 27	1 4	0 54	4 21	1 39
19	2 47	9 13	2 15	20 10	2 26	1 4	0 52	3 4	0 1
25	2 26	9 34	2 25	19 51	2 25	1 4	0 49	1 53	1 S.3

Days	☉ d.	m.	♈ s.	☽	☽ Lat.	☽	♄ ℞	♅	♃	♂	♀	♀ ℞	☿	☿
1	11	49	19	12 29	5N.	11	21 20	19	46	26 52	27	37	26	29
2	12	48	21	26 52	5	16	21 16	20	0	27 38	27	10	26	R26
B	13	47	21	11♌ 5	4	58	21 11	20	15	28 25	26	45	26	17
4	14	46	19	25 7	4	24	21 7	20	29	29 12	26	23	26	1
5	15	45	15	8♍54	3	36	21 3	20	44	29 59	26	3	25	40
6	16	44	9	22 30	2	36	20 59	20	58	0♈45	25	45	25	14
7	17	43	1	5♎54	1	29	20 55	21	13	1 32	25	29	24	42
8	18	41	51	19 5	0	17	20 51	21	27	2 18	25	16	24	6
9	19	40	39	1♏58	0S.	54	20 47	21	41	3 5	25	6	23	27
B	20	39	26	14 43	2	1	20 44	21	55	3 51	24	58	22	49
11	21	38	11	27 15	3	0	20 40	22	10	4 38	24	52	22	2
12	22	36	54	9♐36	3	51	20 36	22	25	5 24	24	48	21	18
13	23	35	35	21 47	4	30	20 33	22	39	6 10	24	46	20	34
14	24	34	14	3♑49	4	57	20 29	22	54	6 56	24D.	48	19	51
15	25	32	51	15 44	5	10	20 26	23	8	7 43	24	52	19	10
16	26	31	26	27 37	5	10	20 22	23	23	8 29	24	58	18	31
B	27	29	59	9♒35	4	57	20 19	23	37	9 15	25	6	17	55
18	28	28	29	21 26	4	31	20 16	23	52	10 1	25	18	17	22
19	29	26	57	3♋32	3	53	20 13	24	6	10 47	25	29	16	52
20	8	25	23	15 51	3	3	20 10	24	21	11 33	25	44	16	26
21	1	23	47	28 28	2	3	20 7	24	35	12 19	26	1	16	5
22	2	22	10	11♍27	0	55	20 4	24	50	13 5	26	19	15	49
23	3	20	31	24 52	0N.	28	20 1	25	4	13 50	26	39	15	38
B	4	18	50	8♎43	1	32	19 59	25	19	14 36	27	1	15	52
25	5	17	7	23 0	2	42	19 56	25	33	15 22	27	24	15	31
26	6	15	23	7♏40	3	43	19 54	25	47	16 8	27	49	15D.	34
27	7	13	37	22 34	4	30	19 51	26	1	16 53	28	16	15	42
28	8	11	50	7♐34	4	59	19 49	26	16	17 39	28	45	15	56
29	9	10	1	22 29	5	8	19 46	26	30	18 25	29	16	16	14
30	10	8	11	7♑12	4	56	19 44	26	44	19 10	29	48	16	37

Days	Jupiter sets.	Mars rises.	Venus rises.	Mercu. sets.	Dec. ♄ North.	Dec. ♅ North.	Dec. ♂ South.	Dec. ♀ North.	Dec. ☿ North.
1	7A. 9	5M13	4M27	8A. 2	5 39	6 44	2 11	5 28	13 17
7	6 56	5 0	4 6	7 28	5 49	7 17	0 17	3 22	12 16
13	rises.	4 46	3 56	rises.	5 58	7 49	1N.36	1 54	9 35
19	4M55	4 31	3 41	4M36	6 5	8 21	3 28	1 1	6 39
25	4 34	4 17	3 28	4 20	6 10	8 52	5 17	0 41	4 45

May hath XXXI Days. White.

The Lunations.

Last Quarter the 2d Day, at Midnight.
New Moon the 10th Day, 17 Minutes past 3 in the Afternoon.
First Quarter the 18th Day, 55 Minutes after 6 at Night.
Full Moon the 25th Day, 3 Minutes past 5 in the Afternoon.

M D.	Sunday & other remark. Days.	Sun rises.	Sun sets.	Dec. ☉ North.	Dec. ☽ South.	Moon rises.	Moon South.	Clock aft. Sun.
B	4 S. after Easter	St. Phil. & James		15 11	17 23	0M 9	4M 36	3 8
2		4 34	7 27	15 28	15 22	0 56	5 33	3 16
3	Inv. of the Cross	4 33	7 28	15 46	12 30	1 36	6 27	3 23
4		4 31	7 30	16 3	9 1	2 9	7 20	3 29
5		4 30	7 31	16 21	5 11	2 37	8 9	3 35
6	St. John A. P. L.	4 28	7 33	16 38	1 10	3 3	8 56	3 40
7		4 26	7 35	16 54	2N. 50	3 27	9 41	3 45
B	Rogat. Sunday.	4 25	7 36	17 11	6 38	3 51	10 26	3 49
9		4 23	7 38	17 27	10 8	4 17	11 10	3 53
10		4 22	7 39	17 42	13 9	☽ sets.	11 54	3 56
11		4 20	7 41	17 58	15 35	8A. 24	0A. 44	3 58
12	Holy Thursday.	Old May Day.		18 13	17 20	9 19	1 31	4 0
13		4 17	7 44	18 28	18 17	10 11	2 18	4 1
14		4 16	7 45	18 42	18 28	10 58	3 6	4 2
B	6 S. after Easter	4 14	7 47	18 57	17 50	11 39	3 53	4 2
16	Term ends.	4 12	7 48	19 11	16 26	Morn.	4 40	4 2
17		4 11	7 50	19 24	14 16	0 14	5 27	4 1
18		4 10	7 51	19 37	11 27	0 45	6 13	4 0
19	Q. Charlotte be	Oxf. Term ends.		19 50	8 2	1 14	7 0	3 58
20		4 6	7 54	20 3	4 9	1 38	7 47	3 55
21		4 5	7 55	20 15	0 S. 6	2 5	8 36	3 51
B	Whit-Sunday.	Prs. Eliz. born		20 27	4 26	2 33	9 27	3 47
23	Whit-Monday.	4 2	7 58	20 39	8 43	3 0	10 22	3 43
24	Whit-Tuesday.	4 1	7 59	20 50	12 34	3 33	11 19	3 38
25	Ember Week.	4 0	8 0	21 1	15 43	☽ rises.	Morn.	3 33
26	Augustin A. B.	3 59	8 1	21 11	17 47	8A. 54	0 18	3 27
27	Ven. Bede.	3 58	8 2	21 21	18 33	9 58	1 20	3 21
28		3 57	8 3	21 31	18 3	10 52	2 23	3 14
B	Trinity Sunday.	K. Ch. II. Rest		21 41	16 19	11 36	3 24	3 7
30		3 55	8 5	21 50	13 36	Morn.	4 20	2 59
31		3 54	8 6	21 58	10 10	0 11	5 14	2 51

Days	Day increas.	Length of Day.	Helioc. Plac. ♄	Helioc. Plac. ♃	Helioc. Plac. ♂	Helioc. Plac. ☉	Helioc. Plac. ♀	Helioc. Plac. ☿	Saturn sets.
1	7 5	14 49	24♍ 29	24♈ 7	4♈ 52	11♏ 6	5♐ 32	19♐ 12	3M 32
7	7 24	15 8	24 41	24 39	8 34	16 54	15 3	6♑ 0	3 8
13	7 43	15 27	24 53	25 12	12 14	22 42	24 33	23 52	2 44
19	8 0	15 44	25 6	25 45	15 52	28 28	4♑ 3	13♒ 45	2 19
25	8 16	16 0	25 18	26 18	19 29	4♐ 14	13 32	6♓ 46	1 54

May, 1774.

Days	Day lig. begins.	Day lig. ends.	Durat. Twilig.	Node ☽ in ♍	Lat. ☿ North.	Lat. ♃ South.	Lat. ♂ South.	Lat. ♀ North.	Lat. ♅ South.
1	2 6	9 57	2 37	19 33	2 24	1 4	0 47	0 51	2 33
7	1 44	10 19	2 48	19 15	2 23	1 4	0 44	0 S. 2	3 6
13	1 19	10 45	3 5	18 56	2 22	1 4	0 40	0 46	3 12
19	0 48	11 20	3 32	18 38	2 21	1 5	0 37	1 23	2 54
25	NoNig.	NoNig.	NoNig.	18 20	2 19	1 5	0 34	1 51	2 16

Days	☉ ♎ d.	m.	s.	☽	☽ Lat.	♄	♅	♃	♆	♂	☿	♀	☿	♇
B	11	6	19	21 37	4N.25	19 42	26 58	19 56	0 22	17 3				
2	12	4	25	5♏41	3 39	19 40	27 12	20 42	0 57	17 34				
3	13	2	28	19 25	2 41	19 38	27 26	21 27	1 33	18 9				
4	14	0	29	2♐56	1 36	19 36	27 40	22 13	2 9	18 48				
5	14	58	29	15 53	0 27	19 35	27 54	22 58	2 46	19 30				
6	15	56	28	28 45	0 S.42	19 33	28 8	23 44	3 23	20 16				
7	16	54	26	11♑25	1 48	19 31	28 22	24 29	4 5	21 5				
B	17	52	22	23 50	2 47	19 30	28 36	25 14	4 46	21 57				
9	18	50	17	6♒8	3 37	19 28	28 50	25 59	5 29	22 53				
10	19	48	11	18 17	4 18	19 27	29 4	26 44	6 13	23 53				
11	20	46	3	0♓20	4 46	19 26	29 18	27 29	6 57	24 56				
12	21	43	52	12 12	5 0	19 25	29 32	28 14	7 42	26 1				
13	22	41	42	24 11	5 3	19 24	29 46	28 59	8 28	27 9				
14	23	39	30	6♈2	4 52	19 23	0♑0	29 44	9 15	28 20				
B	24	37	15	17 54	4 29	19 23	0 14	0♑29	10 3	29 33				
16	25	34	59	29 50	3 53	19 22	0 27	1 14	10 51	0♑49				
17	26	32	42	11♉54	3 7	19 22	0 41	1 58	11 40	2 8				
18	27	30	24	24 10	2 12	19 21	0 55	2 43	12 30	3 29				
19	28	28	5	6♊42	1 9	19 21	1 9	3 28	13 20	4 53				
20	29	25	45	19 36	0 0	19 21	1 22	4 13	14 11	6 19				
21	II	23	23	2♋57	1N.10	19D.21	1 36	4 57	15 3	7 48				
B	1	21	0	16 47	2 19	19 21	1 49	5 42	15 56	9 19				
23	2	18	35	1♌8	3 20	19 21	2 3	6 26	16 49	10 52				
24	3	16	9	15 52	4 12	19 21	2 16	7 11	17 42	12 28				
25	4	13	42	0♌59	4 46	19 21	2 29	7 55	18 36	14 6				
26	5	11	14	16 19	5 1	19 22	2 43	8 39	19 30	15 46				
27	6	8	45	1♍34	4 55	19 22	2 56	9 24	20 25	17 29				
28	7	6	15	16 39	4 26	19 23	3 9	10 8	21 21	19 14				
B	8	3	44	1♎20	3 42	19 24	3 22	10 52	22 17	21 2				
30	9	1	12	15 36	2 44	19 25	3 35	11 36	23 14	22 52				
31	9	58	40	29 25	1 39	19 26	3 48	12 20	24 11	24 44				

Days	Jupiter rises.	Mars rises.	Venus rises.	Mercu. rises.	Dec. ☿ North.	Dec. ♃ North.	Dec. ♂ North.	Dec. ♀ North.	Dec. ☿ North.
1	4M13	4M 1	3M16	4M 6	6 14	9 23	7 5	0 54	4 21
7	3 52	3 46	3 7	3 54	6 17	9 53	8 48	1 35	5 22
13	3 32	3 32	2 55	3 42	6 20	10 23	10 29	2 41	7 30
19	3 12	3 15	2 43	3 32	6 21	10 52	12 6	4 0	0 26
25	2 52	2 59	2 30	3 22	6 20	11 20	13 37	5 34	13 56

The LUNATIONS.

Laſt Quarter the 1ſt Day, 24 Minutes paſt 8 in the Morning.
New Moon the 9th Day, 20 Minutes after 6 in the Morning.
Firſt Quarter the 17th Day, 22 Minutes paſt 7 in the Morning.
Full Moon the 23d Day, 3 Minutes after Midnight.
Laſt Quarter the 30th Day, 1 Minute paſt 7 at Night.

M. D.	Sund. & other remark. Days.	Sun riſes.	Sun ſets.	Dec. ☉ North.	Dec. ☽ South.	Moon riſes.	Moon South.	Clock aft. Sun
1	Oxf. Term beg.	Nicom.	8 7	22 7	6 20	0M42	6M 6	2 43
2	Corpus Chriſti.	3 52	8 8	22 14	2 28	1 6	6 54	2 34
3	Term begins.	3 51	8 9	22 23	1N.45	1 31	7 40	2 25
4	K.Geo.III. born	3 50	8 10	22 29	5 38	1 55	8 25	2 15
5	1 Sun. aft. Trin.	Pr.Fra.	Aug.bor	22 36	9 14	2 19	9 10	2 5
6		3 49	8 11	22 42	12 24	2 48	9 54	1 54
7		3 48	8 12	22 48	15 1	3 16	10 38	1 43
8		3 48	8 12	22 53	16 59	3 48	11 24	1 32
9		3 47	8 13	22 58	18 10	☽ ſets.	0A.13	1 21
10	Prs. Amelia bor.	3 47	8 13	23 3	18 27	8A.54	1 2	1 0
11	St. Barnabas.	3 47	8 13	23 7	18 14	9 35	1 46	0 57
12	2 Sun. aft. Trin.	3 46	8 14	23 11	17 3	10 12	2 33	0 45
13		3 46	8 14	23 15	15 1	10 45	3 20	0 33
14		3 45	8 15	23 18	12 29	11 15	4 7	0 21
15		3 45	8 15	23 21	9 16	11 40	4 54	0 9
16		3 44	8 16	23 23	5 35	Morn.	5 41	obſer.4
17	St. Alban.	3 44	8 16	23 25	1 36	0 6	6 27	0 17
18		3 43	8 17	23 26	2S.39	0 31	7 14	0 29
19	3 Sun. aft. Trin.	3 43	8 17	23 27	6 54	0 57	8 4	0 42
20	Tr. Edw. K. W S.	3 43	8 17	23 28	10 54	1 25	8 57	0 55
21	Longeſt Day.	3 43	8 17	23 28	14 21	1 59	9 54	1 8
22	Term ends.	3 43	8 17	23 28	16 57	2 39	10 55	1 21
23		3 43	8 17	23 27	18 24	3 28	11 58	1 33
24	St. John Bapt.	3 43	8 17	23 26	18 31	☽ riſes.	Morn.	1 46
25		3 44	8 16	23 25	17 27	9A.23	0 59	1 59
26	4 Sun. aft. Trin.	3 44	8 16	23 23	15 55	10 4	2 0	2 12
27		3 44	8 16	23 20	11 39	10 37	2 57	2 25
28		3 45	8 15	23 18	7 50	11 6	3 52	2 38
29	St. Peter.	3 45	8 15	23 15	3 42	11 31	4 43	2 49
30		3 46	8 14	23 11	0N.26	11 57	5 31	3

Day of the Month	Day increaſ.	Length of Day.	Helioc. Place. ♄	Helioc. Place. ♃	Helioc. Place. ♂	Helioc. Place. ☉	Helioc. Place. ♀	Helioc. Place. ☿	Saturn ſets.
1	8 30	16 14	25♈32	26♈57	23♈40	10♊56	24♋36	9♈17	1M
7	8 39	16 23	25 44	27 3	27 12	16 40	4♌ 5	12♉53	1
13	8 45	16 29	25 57	28 2	0♉43	22 24	13 34	20♊14	0
19	8 49	16 33	26 9	28 35	4 12	28 8	23 4	26♋59	0
25	Mean 16	32	26 21	29 8	7 39	3♊51	2♍34	29♌ 5	11 A

Days	Day lig. begins.	Day lig. ends.	Durat. Twilig.	Node ☽ in ♏	Lat. ♄ North.	Lat. ♃ South.	Lat. ♂ South.	Lat. ♀ South.	Lat. ☿ South.
1				17 59	2 18	1 5	0 29	2 16	1 10
7	All	All	All	17 41	2 17	1 6	0 26	2 30	0 5
13	Day	Day	Day	17 23	2 16	1 6	0 22	2 39	0N.53
19	Light.	Light.	Light.	17 5	2 14	1 7	0 18	2 43	1 38
25				16 47	2 13	1 7	0 14	2 42	1 58

Days	☉ d.	☉ m.	☉ s.	☽	☽ Lat.	☽ ♄	☽ ♏	♃	☿	♂	☿	♀	♈	☿	☿
1	10	56	8	12 48	oN.30	19	27	4	1	13	4	25	8	26	39
2	11	53	34	25 49	o S.39	19	28	4	14	13	48	26	6	28	36
3	12	50	59	8♈31	1 44	19	30	4	26	14	32	27	4	o♊35	
4	13	48	22	20 57	2 43	19	31	4	39	15	15	28	2	2	36
B	14	45	44	3♉13	3 33	19	32	4	51	15	59	29	1	4	39
6	15	43	6	15 19	4 13	19	34	5	4	16	43	o♉	0	6	44
7	16	40	27	27 21	4 41	19	35	5	16	17	26	1	o	8	51
8	17	37	47	9♊17	4 57	19	37	5	29	18	10	2	o	10	59
9	18	35	6	21 10	5 0	19	39	5	41	18	53	3	o	13	9
10	19	32	25	3♋ 2	4 49	19	41	5	53	19	37	4	1	15	20
11	20	29	43	14 54	4 27	19	43	6	6	20	20	5	1	17	31
B	21	27	o	26 48	3 52	19	45	6	18	21	4	6	2	19	43
13	22	24	17	8♌46	3 7	19	47	6	30	21	47	7	3	21	55
14	23	21	34	20 52	2 13	19	50	6	42	22	30	8	5	24	7
15	24	18	51	3♍10	1 12	19	52	6	54	23	13	9	8	26	18
16	25	16	7	15 40	o 6	19	54	7	6	23	56	10	10	18	29
17	26	13	22	28 31	1N. 2	19	57	7	18	24	39	11	13	o♋	39
18	27	10	37	11♎46	2 8	20	o	7	30	25	22	12	15	2	48
B	28	7	52	25 28	3 9	20	3	7	41	26	5	13	18	4	56
20	29	5	7	9♏40	4 1	20	5	7	53	26	48	14	22	7	3
21	♋	2	22	24 19	4 39	20	8	8	4	27	31	15	25	9	8
22	o	59	35	9♐23	4 59	20	11	8	16	28	14	16	29	11	11
23	1	56	48	24 42	4 58	20	14	8	27	28	56	17	33	13	12
24	2	54	1	10♑ 5	4 36	20	18	8	38	29	39	18	37	15	11
25	3	51	14	25 18	3 54	20	21	8	49	o♊	21	19	42	17	8
B	4	48	27	10♒22	2 56	20	25	9	o	1	4	20	46	19	4
27	5	45	40	24 40	1 49	20	28	9	10	1	46	21	52	20	57
28	6	42	52	8♓38	o 36	20	32	9	21	2	29	22	56	22	48
29	7	40	4	22 8	o S.36	20	35	9	32	3	11	24	1	24	37
30	8	37	16	5♈11	1 44	20	39	9	42	3	53	25	6	26	24

Days	Jupiter rises.	Mars rises.	Venus rises.	Mercu. rises.	Dec. ♄ North.	Dec. ♃ North.	Dec. ♂ North.	Dec. ♀ North.	Dec. ☿ North.
1	2M28	2M42	2M16	3M 18	6 17	11 51	15 17	7 37	18 18
7	2 6	2 26	2 4	3 20	6 13	12 15	16 19	9 28	21 43
13	1 44	2 12	1 54	3 35	6 8	12 39	17 53	11 28	24 7
19	1 22	1 57	1 42	sets.	6 1	13 2	19 1	13 27	25 1
25	1 0	1 43	1 31	3A.20	5 51	13 24	20 1	15 [illegible]	[illegible]

The Lunations.

New Moon the 8th Day, 16 Minutes past 9 at Night.
First Quarter the 16th Day, 40 Minutes after 4 in the Afternoon.
Full Moon the 23d Day, 50 Minutes past 6 in the Morning.
Last Quarter the 30th Day, 17 Minutes after 8 in the Morning.

M D.	Sund. & other remark. Days.	Sun rises.	Sun sets.	Dec. ☉ North.	Dec. ☽ North.	Moon rises.	Moon South.	Clock bef. Sun
1		3 46	8 14	23 7	4 30	Morn.	6M17	3 13
2	Visit. B. V. Mary	3 46	8 14	23 3	8 22	0 21	7 2	3 25
S	5 Sun. aft. Trin.	3 48	8 13	22 58	11 30	0 47	7 48	3 36
4		3 48	8 12	22 53	14 18	1 14	8 33	3 47
5	Camb. Comme.	Old Midf. Day.		22 48	16 28	1 46	9 18	3 57
6		3 49	8 11	22 42	17 55	2 18	10 4	4 7
7	Thom à Beck.	3 50	8 10	22 35	18 34	3 0	10 50	4 17
8	Camb. T. ends.	3 50	8 10	22 29	18 25	☽ sets.	11 36	4 26
9		3 51	8 9	22 22	17 29	8A.11	0A.26	4 35
S	6 Sun. aft. Trin.	3 52	8 8	22 14	15 45	8 44	1 13	4 44
11	Oxford Act.	3 53	8 7	22 6	13 17	9 14	1 59	4 52
12		3 54	8 6	21 58	10 14	9 41	2 46	5 1
13		3 55	8 5	21 49	6 43	10 5	3 32	5 9
14		3 56	8 4	21 40	2 48	10 30	4 18	5 16
15	Swithin.	3 57	8 3	21 31	1 S. 27	10 54	5 4	5 22
16	Oxf. Term ends.	3 58	8 2	21 21	5 27	11 21	5 52	5 28
S	7 Sun. aft. Trin.	3 59	8 1	21 11	9 26	11 51	6 43	5 33
18		4 0	8 0	21 1	13 4	Morn.	7 37	5 38
19		4 1	7 59	20 50	15 54	0 29	8 34	5 42
20	Margaret V. M.	4 3	7 57	20 39	17 49	1 22	9 33	5 46
21		4 4	7 56	20 27	18 35	2 4	10 35	5 49
22	Q. Denm. born.	St. Mary Magd.		20 15	18 0	3 8	11 37	5 52
23		4 7	7 53	20 3	16 8	☽ rises.	Morn.	5 54
S	8 Sun. aft. Trin.	4 8	7 52	19 51	13 13	8A.31	0 37	5 56
25	St. James.	4 10	7 50	19 38	9 33	9 3	1 34	5 57
26	St. Anne, M. of	4 11	7 49	19 25	5 25	9 31	2 28	5 57
27	the B. V. Mary	4 13	7 47	19 11	1 10	9 58	3 19	5 57
28		4 14	7 46	18 57	3N. 1	10 23	4 8	5 57
29		4 15	7 45	18 43	6 55	10 48	4 55	5 56
30	Dog Days begin.	4 17	7 43	18 29	10 29	11 14	5 41	5 54
S	9 Sun. aft. Trin.	4 18	7 42	18 13	13 23	11 43	6 27	5 52

D.	Day decreaf.	Length of Day.	Heliac. Place. ☽	Heliac. Place. ♅	Heliac. Place. ♂	Heliac. Place. ☉	Heliac. Place. ♀	Heliac. Place. ☿	Saturn sets.
1	0 6	16 28	26♍33	29♈41	11♉ 4	9♌34	12♓ 5	25♍38	11A.19
7	0 13	16 21	26 45	0♉14	14 27	15 18	21 36	17♎48	10 55
13	0 24	16 10	26 58	0 47	17 48	21 1	1♈ 9	7♏ 0	10 32
19	0 37	15 57	27 10	1 19	21 7	26 45	10 42	24 27	10 9
25	0 53	15 42	27 20	1 52	24 24	illegible	20 16	1♐ 3	9 45

July 1774.

Days	Day lig. begins.	Day lig. ends.	Durat. Twilig.	Node ☽ in ♏	Lat. ♄ North.	Lat. ♅ South.	Lat. ♂ South.	Lat. ♀ South.	Lat. ☿ North.
1				16 29	2 12	1 8	0 9	2 37	2 49
7	All	All	All	16 10	2 11	1 9	0 5	2 29	2 17
13	Day	Day	Day	15 53	2 10	1 10	0 1	2 18	0 29
19	Light.	Light.	Light.	15 35	2 9	1 11	0N. 4	2 3	0S. 32
25	0 45	11 7	3 20	15 17	2 9	1 12	0 9	1 47	1 43

Days	☉ d.	m.	♒ s.	☽	☿	Lat. ☽	♄	♍	♅	♉	♂	♊	♀	♉	☿	♋
1	9	34	29	17	53	2 8.43	20	43	9	52	4	35	26	11	28	9
2	10	31	41	0	♉ 17	3	35	20	47	10	2	5	17	27	17	29	53
3	11	28	53	12	27	4	16	20	51	10	13	5	59	28	23	1	♌ 35
4	12	26	5	24	29	4	45	20	55	10	23	6	41	29	29	3	14
5	13	23	16	6	♊ 24	5	1	20	59	10	33	7	23	0	♊ 35	4	51
6	14	20	28	18	17	5	4	21	4	10	43	8	5	1	41	6	26
7	15	17	41	0	♋ 9	4	54	21	8	10	53	8	47	2	48	7	59
8	16	14	54	12	1	4	32	21	13	11	2	9	29	3	55	9	30
9	17	12	7	23	56	3	57	21	17	11	12	10	10	5	1	10	59
B	18	9	20	5	♌ 56	3	11	21	22	11	21	10	52	6	8	12	28
11	19	6	34	18	7	2	17	21	26	11	31	11	34	7	14	13	49
12	20	3	48	0	♍ 16	1	16	21	31	11	40	12	15	8	21	15	11
13	21	1	2	12	40	0	9	21	36	11	49	12	56	9	28	16	31
14	21	58	17	25	17	0N.	58	21	40	11	58	13	38	10	36	17	48
15	22	55	32	8	♎ 11	2	5	21	45	12	7	14	19	11	44	19	5
16	23	52	47	21	25	3	6	21	50	12	15	15	0	12	52	20	16
B	24	50	3	5	♏ 2	3	59	21	55	12	24	15	41	14	0	21	26
18	25	47	19	19	2	4	36	22	0	12	32	16	22	15	8	22	34
19	26	44	36	3	♐ 28	5	3	22	6	12	41	17	3	16	16	23	40
20	27	41	53	18	15	5	8	22	11	12	49	17	44	17	24	24	48
21	28	39	11	3	♑ 19	4	51	22	17	12	57	18	25	18	32	25	55
22	29	36	30	18	29	4	15	22	22	13	5	19	5	19	40	26	59
23	♌	33	48	3	♒ 36	3	20	22	28	13	13	19	46	20	48	27	32
B	1	31	8	18	29	2	13	22	33	13	20	20	27	21	57	28	24
25	2	28	29	3	♓ 0	0	58	22	39	13	28	21	7	23	6	29	0
26	3	25	51	17	4	0S.	18	22	44	13	35	21	48	24	15	29	58
27	4	23	14	0	♈ 41	1	31	22	50	13	42	22	28	25	24	0	♍ 31
28	5	20	37	13	50	2	37	22	55	13	49	23	9	26	34	1	9
29	6	18	1	26	35	3	33	23	1	13	56	23	49	27	42	1	42
30	7	15	26	9	♉ 2	4	17	23	7	14	2	24	29	28	52	2	10
B	8	12	52	21	15	4	49	23	13	14	9	25	9	0	♎ 1	2	33

Days	Jupiter rises.	Mars rises.	Venus rises.	Mercu. sets.	Dec. ♄ North.	Dec. ♅ North.	Dec. ♂ North.	Dec. ♀ North.	Dec. ☿ North.
1	0M 36	1M 30	1M 23	9A. 28	5 41	13 44	20 56	16 47	22 12
7	0 13	1 18	1 17	9 26	5 30	14 2	21 42	18 20	19 53
13	11A. 47	1 8	1 12	9 15	5 19	14 18	22 22	19 39	15 49
19	11 23	0 58	1 8	9 1	5 6	14 33	22 55	20 43	13 19

September hath XXX Days. White.

The Lunations.

New Moon the 6th Day, 55 Minutes after 1 in the Morning.
First Quarter the 13th Day, 33 Minutes past 5 in the Morning.
Full Moon the 20th Day, 23 Minutes after 1 in the Morning.
Last Quarter the 27th Day, 57 Minutes past 6 at Night.

M D	Sunday & other remark. Days.	Sun rises.		Sun sets.		Dec. ☉ North.		Dec. ☽ North.		Moon rises.		Moon South.		Clock aft. Sun.	
1	Giles, A. & C.	5	14	6	45	8	12	18	2	0 M	30	8 M	20	0	19
2	London burnt.	5	15	6	44	7	50	16	47	1	24	9	7	0	38
3	1666, O. S.	5	17	6	42	7	28	14	45	2	25	9	54	0	57
B	14 Sun. aft. Trin.	5	19	6	40	7	6	12	2	3	27	10	42	1	16
5		5	21	6	38	6	44	8	43	4	32	11	29	1	35
6		5	23	6	36	6	21	4	56	☽ sets.		0 A.	19	1	55
7	Dog Days end.	5	25	6	34	5	58	0	52	7 A.	15	1	7	2	15
8	Nativ. B. V. Ma.	5	27	6	32	5	36	3 S.	20	7	41	1	55	2	35
9		5	29	6	30	5	13	7	26	8	9	2	45	2	55
10		5	31	6	28	4	51	11	11	8	40	3	37	3	15
B	15 Sun. aft. Trin.	5	33	6	26	4	28	14	22	9	16	4	31	3	35
12		5	35	6	24	4	5	16	45	10	1	5	27	3	56
13		5	37	6	22	3	42	18	8	10	52	6	24	4	17
14	Holy Cross Day.	5	39	6	20	3	19	18	27	11	53	7	22	4	38
15		5	41	6	18	2	56	17	33	Morn.		8	20	5	0
16		5	43	6	16	2	32	15	32	1	2	9	17	5	21
17	Lambert B. & M.	5	45	6	14	2	9	12	34	2	15	10	13	5	42
B	16 Sun. aft. Trin.	5	47	6	12	1	46	8	53	3	29	11	6	6	3
19		5	49	6	10	1	23	4	44	4	44	11	58	6	24
20		5	51	6	8	0	59	0	26	☾ rises.		Morn.		6	45
21	St. Matthew.	Ember Week.				0	36	3 N.	50	7 A.	3	0	48	7	6
22	K. Geo. III. cro.	5	55	6	4	0	12	7	46	7	29	1	37	7	26
23		5	57	6	2	0 S.	11	11	16	7	58	2	25	7	47
24		5	59	6	0	0	35	14	12	8	30	3	12	8	7
B	17 Sun. aft. Trin.	6	1	5	58	0	58	16	23	9	8	3	59	8	27
26	St. Cyprian M.	6	3	5	56	1	21	17	49	9	46	4	47	8	47
27		6	5	5	54	1	45	18	28	10	32	5	35	9	7
28		6	7	5	52	2	8	18	19	11	22	6	23	9	26
29	St. Michael.	Prs. Char. Aug. Mat. bor.						17	19	Morn.		7	10	9	46
30	St. Jerome.	6	11	5	48	2	55	15	34	0	18	7	57	10	6

Days	Day decreas.		Length of Day.		Helioc. Plac. ♄		Helioc. Plac. ♃		Helioc. Plac. ♂		Helioc. Plac. ☉		Helioc. Plac. ♀		Helioc. Plac. ☿		Saturn sets.	
1	3	3	13	31	28 ♍	39	5 ♎	20	14 ♊	24	9 ♓	1	21 ♊	17	1 ♎	18	7 A.	28
7	3	25	13	9	28	51	5	53	17	27	14	51	0 ♋	59	7 ♊	47	7	7
3	3	49	12	45	29	3	6	25	20	28	20	41	10	42	15 ♋	18	6	46
9	4	13	12	21	29	16	6	58	23	27	26	33	20	25	19 ♌	11	6	25
5	4	37	11	57	29	29	7	31	26	24	2 ♈	26	0 ♌	10	17 ♍	29	rises.	

September, 1774.

Days	Day lig. begins.	Day lig. ends.	Durat. Twilig.	Node ☽ in ♍	Lat. ♄ North.	Lat. ♃ South.	Lat. ♂ North.	Lat. ♀ North.	Lat. ☿ South.
1	3 7	8 53	2 11	13 22	2 6	1 19	0 39	0 15	0 40
7	3 24	8 36	2 6	13 3	2 6	1 20	0 44	0 30	0N.48
13	3 37	8 23	2 4	12 44	2 6	1 21	0 50	0 45	1 37
19	3 52	8 8	2 1	12 26	2 6	1 22	0 55	0 59	1 50
25	4 5	7 55	2 0	12 7	2 6	1 22	1 1	1 10	1 58

Days	☉ d.	☉ m.	☉ s.	☽	☽ Lat.	☽	♄	♅	♃	♂	♀	☊	☿	☊
1	9	1	19	17 9	4 S.24	26 48	16 6	15 56	7 47	21 39				
2	9	59	30	29 7	3 41	26 55	16 7	16 34	9 1	22 17				
3	10	57	42	11♌14	2 49	27 2	16 7	17 11	10 14	23 4				
4	11	55	56	23 33	1 47	27 9	16R 7	17 49	11 26	23 59				
5	12	54	12	6♍ 4	0 40	27 16	16 7	18 26	12 38	25 0				
6	13	52	30	18 49	0N.31	27 23	16 7	19 4	13 51	26 8				
7	14	50	49	1♎30	1 42	27 31	16 6	19 41	15 3	27 22				
8	15	49	10	15 5	2 48	27 38	16 6	20 18	16 16	28 42				
9	16	47	33	28 33	3 46	27 44	16 5	20 55	17 28	0♍ 8				
10	17	45	58	12♍14	4 33	27 53	16 4	21 32	18 41	1 39				
11	18	44	25	26 5	5 4	28 0	16 2	22 9	19 54	3 14				
12	19	42	54	10♎ 6	5 17	28 7	16 1	22 46	21 7	4 53				
13	20	41	23	24 13	5 12	28 15	15 59	23 23	22 20	6 39				
14	21	39	56	8♏27	4 47	28 22	15 57	24 0	23 33	8 18				
15	22	38	30	22 45	4 5	28 30	15 55	24 37	24 46	9 3				
16	23	37	6	7♐ 3	3 8	28 37	15 53	25 13	25 59	11 50				
17	24	35	44	21 17	1 59	28 45	15 50	25 50	27 12	13 39				
18	25	34	24	5♑28	0 43	28 52	15 48	26 26	28 25	15 30				
19	26	33	6	19 27	0S.34	29 0	15 45	27 2	29 38	17 22				
20	27	31	51	3♒10	1 48	29 8	15 43	27 38	0♎51	19 15				
21	28	30	37	16 36	2 54	29 15	15 40	28 14	2 5	21 4				
22	29	29	26	29 43	3 50	29 23	15 36	28 50	3 18	22 55				
23	♎	28	16	12♓31	4 32	29 31	15 32	29 26	4 32	24 45				
24	1	27	8	25 1	5 0	29 38	15 28	0♑ 1	5 46	26 35				
25	2	26	1	7♈16	5 14	29 46	15 24	0 37	7 0	28 24				
26	3	24	57	19 59	5 14	29 53	15 19	1 12	8 14	0♏12				
27	4	23	55	12♉55	5 0	0♒ 0	15 15	1 48	9 27	2 0				
28	5	22	55	13 7	4 33	0 8	15 11	2 23	10 41	3 47				
29	6	21	57	25 1	3 55	0 15	15 6	2 58	11 55	5 34				
30	7	21	1	7♊ 1	3 6	0 22	15 2	3 33	13 9	7 20				

Days	Jupiter rises.	Mars rises.	Venus rises.	Mercury rises.	Dec. ♄ North.	Dec. ♃ North.	Dec. ♂ North.	Dec. ♀ North.	Dec. ☿ North.
1	8A.46	0M14	2M14	3M39	3 11	25 26	23 10	18 33	13 41
7	8 23	0 11	2 31	3 42	2 54	25 24	22 45	16 45	13 10
13	8 1	0 9	2 52	4 10	2 37	25 22	22 15	14 47	10 39
19	7 40	0 7	3 12	4 50	2 20	25 18	21 40	12 35	6 41
25	7 19	0 5	3 35	5 33	2 2	25 11	21 1	10 3	2 8

October hath XXXI Days. White.

The Lunations.

New Moon the 5th Day, at 3 in the Afternoon.
First Quarter the 12th Day, 40 Minutes past 11 in the Morning.
Full Moon the 19th Day, 25 Minutes after 2 in the Afternoon.
Last Quarter the 27th Day, 57 Minutes past 2 in the Afternoon.

M D.	Sunday & other remark, Days.	Sun rises.	Sun sets.	Dec. ☉ South.	Dec. ☽ North.	Moon rises.	Moon South.	Clock aft Sun
1	Remigius Bp.	6 12	5 47	3 18	13 5	1M 20	8M 44	10 26
B	18 S. aft. Trin.	6 14	5 45	3 42	9 58	2 26	9 32	10 45
3		6 16	5 43	4 5	6 20	3 33	10 19	11 3
4		6 18	5 41	4 28	2 17	4 42	11 7	11 21
5		6 20	5 39	4 51	1 S. 57	☽ sets.	11 56	11 38
6	Faith. V. & M.	6 22	5 37	5 15	6 13	6A. 18	0A. 47	11 55
7		6 24	5 35	5 38	10 13	6 49	1 40	12 11
8		6 26	5 33	6 1	13 40	7 25	2 34	12 27
B	19 S. aft. Trin.	6 28	5 31	6 24	16 21	8 8	3 31	12 42
10	Oxf. & C. T. beg.	Old Mich. Day.		6 46	18 2	8 56	4 28	12 58
11		6 32	5 27	7 9	18 34	9 56	5 25	13 14
12		6 34	5 25	7 32	17 58	11 1	6 23	13 29
13	Tr. K. Ed. Conf.	6 36	5 23	7 54	16 14	Morn.	7 19	13 44
14		6 38	5 21	8 17	13 32	0 9	8 14	13 58
15		6 40	5 19	8 39	10 6	1 22	9 8	14 11
B	20 S. aft. Trin.	6 42	5 17	9 1	6 8	2 36	9 59	14 24
17	Etheldred.	6 44	5 15	9 23	1 55	3 51	10 48	14 36
18	St. Luke.	6 46	5 13	9 45	2N. 11	5 3	11 37	14 48
19		6 47	5 12	10 7	6 25	☽ rises.	Morn.	14 59
20		6 49	5 10	10 28	10 8	6A. 4	0 25	15 9
21		6 51	5 8	10 50	13 18	6 34	1 12	15 19
22		6 53	5 6	11 11	15 47	7 7	1 59	15 28
B	21 S. aft. Trin.	6 55	5 4	11 32	17 33	7 46	2 47	15 36
24		6 57	5 2	11 53	18 29	8 30	3 35	15 43
25	K. Geo. III. Ins.	Crispin	5 0	12 14	18 36	9 19	4 23	15 48
26	K. Geo. III. Pro.	7 1	4 58	12 34	17 55	10 14	5 10	15 54
27		7 3	4 56	12 55	16 26	11 12	5 57	16 0
28	St. Simon & Jud.	7 5	4 54	13 15	14 14	Morn.	6 43	16 5
29		7 7	4 52	13 35	11 21	0 13	7 30	16 9
B	22 S. aft. Trin.	7 9	4 50	13 55	7 54	1 18	8 16	16 11
31		7 11	4 48	14 14	4 1	2 25	9 2	16 13

Days	Day decreas.	Length of Day.	Helioc. Plac. ♄	Helioc. Plac. ♃	Helioc. Plac. ♂	Helioc. Plac. ☉	Helioc. Plac. ♀	Helioc. Plac. ☿	Saturn rises.
1	4 59	11 35	29♍40	8♉ 3	29♊20	8♈20	9♌55	10♎55	5M 24
7	5 23	11 11	29 52	8 36	29♋14	14 16	19 41	0♏57	5 5
13	5 47	10 47	0♎ 4	9 9	5 7	20 12	29 26	18 51	4 47
19	6 10	10 24	0 16	9 41	7 59	26 10	9♍11	5♐39	4 28
25	6 33	10 1	0 28	10 14	10 49	2♉ 9	18 54	22 8	4 10

October, 1774.

Days	Daylig. begins.	Day lig. ends.	Durat. Twilig.	Node ☽ in ♏	Lat. ♄ North.	Lat. ♃ South.	Lat. ♂ North.	Lat. ♀ North.	Lat. ☿ North.
1	4 28	7 42	1 59	11 48	2 6	1 23	1 7	1 18	0 5
7	4 37	7 29	1 58	11 29	2 7	1 24	1 12	1 26	0 3
13	4 43	7 17	1 57	11 9	2 7	1 24	1 19	1 31	0 S.
19	4 55	7 5	1 57	10 50	2 8	1 25	1 25	1 30	0 4
25	5 6	6 54	1 58	10 31	2 9	1 25	1 31	1 31	1 2

Days	☉ d.	m.	s.	☽	☊	Lat. ☽	☽ ♄	☽ ♢	☽ ♅ ℞	☽ ♂	☽ ☊	☽ ☿	☽ ♍	☽ ♇	☽
1	8	20	7	19 11	2 S. 8	0	30	14	57	4	8	14	23	9	
B	9	19	16	1♍36	1 3	0	37	14	52	4	43	15	37	10	4
3	10	18	27	14 18	0N. 7	0	44	14	46	5	17	16	51	12	3
4	11	17	40	27 20	1 17	0	52	14	41	5	52	18	5	14	1
5	12	16	55	10♎42	2 26	0	59	14	35	6	26	19	19	15	5
6	13	16	12	24 22	3 27	1	6	14	29	7	1	20	33	17	3
7	14	15	30	8♏18	4 17	1	14	14	23	7	35	21	48	19	1
8	15	14	51	22 25	4 53	1	21	14	17	8	9	23	2	20	5
B	16	14	14	6♐10	5 10	1	29	14	11	8	43	24	16	22	3
10	17	13	39	20 58	5 9	1	36	14	4	9	17	25	31	24	1
11	18	13	6	5♑14	4 48	1	43	13	58	9	51	26	45	25	5
12	19	12	35	19 23	4 19	1	50	13	51	10	24	28	0	27	3
13	20	12	6	3♒29	3 17	1	57	13	44	10	58	29	14	29	
14	21	11	38	17 26	2 13	2	5	13	37	11	31	0♎29		0♍14	
15	22	11	13	1♓18	1 1	2	12	13	30	12	4	1	43	2	1
B	23	10	51	14 59	0 S. 12	2	19	13	23	12	37	2	58	3	5
17	24	10	31	28 31	1 25	2	26	13	15	13	10	4	13	5	2
18	25	10	12	11♈51	2 32	2	33	13	8	13	43	5	27	6	5
19	26	9	55	24 58	3 29	2	40	13	0	14	16	6	42	8	3
20	27	9	40	7♉52	4 14	2	47	12	53	14	48	7	57	10	
21	28	9	28	20 30	4 46	2	53	12	45	15	21	9	11	11	3
22	29	9	18	2♊55	5 4	3	0	12	37	15	53	10	26	13	
B	♍	9	9	15 8	5 7	3	7	12	30	16	25	11	40	14	3
24	1	9	3	27 11	4 57	3	14	12	22	16	57	12	55	16	
25	2	8	59	9♋4	4 34	3	21	12	14	17	29	14	10	17	3
26	3	8	57	20 56	3 59	3	27	12	6	18	0	15	25	19	
27	4	8	57	2♌48	3 14	3	34	11	56	18	32	16	40	20	2
28	5	8	58	14 47	2 20	3	41	11	50	19	3	17	55	21	5
29	6	9	1	26 56	1 19	3	48	11	42	19	35	19	10	23	2
B	7	9	6	9♍22	0 13	3	54	11	34	20	6	20	25	24	4
31	8	9	14	22 7	0N. 55	4	1	11	26	20	37	21	40	26	1

Days	Jupiter rises.	Mars rises.	Venus rises.	Mercu. sets.	Dec. ♄ North.	Dec. ♃ North.	Dec. ♂ North.	Dec. ♀ North.	Dec. ☿ South.
1	6A. 57	0M 2	3M 52	5A. 55	1 44	15 1	20 20	7 21	2 5
7	6 32	11A. 59	4 12	5 47	1 27	14 49	19 34	4 35	7
13	6 9	11 55	4 32	5 37	1 10	14 37	18 35	1 42	11 1
19	5 44	11 50	4 53	5 31	0 54	14 24	17 54	1 S. 14	15
25	5 20	11 45	5 13	5 23	0 38	14 10	17 3	4 12	18 2

November hath XXX Days. White.

The LUNATIONS.

New Moon the 4th Day, 54 Minutes past 2 in the Morning.
First Quarter the 10th Day, 17 Minutes past 7 at Night.
Full Moon the 18th Day, 12 Minutes after 6 in the Morning.
Last Quarter the 26th Day, 45 Minutes past 10 in the Morning.

M D	Sundays & other Remark. Days.	Sun rises.	Sun sets.	Dec. ☉ South.	Dec. ☽ South.	Moon rises.	Moon South.	Clock aft. Sun
1	All-Saints.	7 12	4 47	14 34	0 12	3 M 36	9 M 49	16 14
2	Pr. Edw. born.	All Sou.	4 45	14 53	4 31	4 48	10 39	16 14
3		7 16	4 43	15 12	8 44	6 2	11 30	16 14
4		7 18	4 41	15 30	12 32	☽ sets.	0 A. 26	16 13
5	Papist Conspir.	7 20	4 39	15 48	15 40	6 A. 4	1 23	16 11
B	23 S. aft. Trin.	7 21	4 38	16 7	17 47	6 51	2 22	16 8
7	Duk. Cum. born.	Term begins.		16 24	18 42	7 48	3 22	16 5
8	Prs. Sop. Aug. bo.	7 24	4 35	16 42	18 26	8 53	4 21	16 1
9	Lord Mayor's	7 26	4 33	16 59	16 54	10 2	5 18	15 56
10	Day at London.	7 28	4 31	17 16	14 26	11 14	6 14	15 50
11	S. Martin B. & C.	7 29	4 30	17 33	11 8	Morn.	7 7	15 43
12		7 31	4 29	17 49	7 28	0 28	7 59	15 35
B	24 S. aft. Trin.	Britius.	4 27	18 5	3 10	1 39	8 45	15 26
14		7 34	4 25	18 21	1 N. 5	2 51	9 33	15 16
15	Machutus.	7 36	4 23	18 36	5 12	4 3	10 20	15 5
16		7 37	4 22	18 51	9 2	5 10	11 6	14 54
17	Hugh Bp. Linc.	7 38	4 21	19 6	12 23	6 16	11 55	14 42
18		7 40	4 19	19 20	15 9	☽ rises.	Morn.	14 29
19		7 42	4 18	19 34	17 11	5 A. 41	0 40	14 16
B	25 S. aft. Trin.	Edm. K. & Mart.		19 48	18 25	6 22	1 27	14 1
21		7 45	4 15	20 1	18 51	7 9	2 14	13 45
22	Old Mart. Day.	7 46	4 14	20 14	18 26	8 0	3 1	13 29
23	St. Clement.	7 48	4 12	20 27	17 13	8 57	3 48	13 12
24		7 49	4 11	20 39	15 15	9 56	4 34	12 54
25	D. Glouc. born.	7 50	4 10	20 51	12 36	10 59	5 20	12 36
26		7 51	4 9	21 2	9 25	Morn.	6 4	12 18
B	Advent Sunday.	7 52	4 8	21 13	5 43	0 4	6 49	11 59
28	Term ends.	7 53	4 7	21 24	1 41	1 9	7 35	11 39
29		7 54	4 6	21 34	2 S. 34	2 17	8 22	11 17
30	St. Andrew.	7 56	4 4	21 44	6 51	3 32	9 11	10 55

Day	Decreas.	Length of Day.	Helioc. Plac. ♄	Helioc. Plac. ♃	Helioc. Plac. ♂	Helioc. Plac. ☉	Helioc. Plac. ♀	Helioc. Plac. ☿	Saturn rises.
1	6 59	9 35	0 ♎ 43	10 ♉ 52	14 ♎ 6	6 ♏ 9 ♉ 9	0 ♎ 16	11 ♑ 59	3 M 47.
7	7 20	9 14	0 55	11 25	16 53	15 11	9 58	0 ♒ 26	3 27
13	7 40	8 54	1 7	11 57	19 40	21 13	19 35	21 1	3 6.
19	7 58	8 36	1 19	12 20	22 25	27 17	29 17	15 ♓ 38	2 45
25	8 14	8 20	1 31	13 2	25 9	3 ♊ 21	8 ♍ 54	14 ♈ 51	2 23

November, 1774.

Days	Day lig. begins.	Day lig. ends.	Durat. Twilig.	Node ☽ in ♍	Lat. ☿ North.	Lat. ♃ South.	Lat. ♂ North.	Lat. ♀ North.	Lat. ♄ South.
1	5 17	6 43	1 59	10 8	2 10	1 24	1 39	1 27	2
7	5 25	6 35	2 2	9 48	2 11	1 24	1 46	1 21	2 2
13	5 34	6 26	2 3	9 28	2 12	1 23	1 54	1 13	2 3
19	5 41	6 19	2 5	9 8	2 13	1 22	2 2	1 2	2 2
25	5 48	6 12	2 7	8 48	2 14	1 21	2 10	0 51	1 3

Days	☉ d.	m.	♍ s.	☽	♒	Lat. ☽	♄	♒	♃ Rx	♂	♌	♀	♐	♅	♓
1	9	9	24	5	18	2N. 3	4	8	11	18	21	8	22	55	27
2	10	9	35	18	53	3	5	4	15	11	9	21	38	24	11	29
3	11	9	48	2♍	53	3	58	4	21	11	1	22	9	25	26	♎
4	12	10	2	17	14	4	38	4	28	10	53	22	39	26	41	1
5	13	10	18	1♐	50	5	0	4	35	10	45	23	9	27	56	3
6	14	10	36	16	34	5	2	4	41	10	37	23	39	29	11	4
7	15	10	55	1♑	16	4	45	4	47	10	29	24	8	0♍	26	5
8	16	11	15	15	50	4	9	4	53	10	21	24	37	1	41	7
9	17	11	38	0♒	12	3	18	4	59	10	13	25	5	2	57	8
10	18	12	3	14	18	2	15	5	5	10	5	25	34	4	12	9
11	19	12	30	28	9	1	6	5	11	9	57	26	3	5	27	10
12	20	12	59	11♓	44	0S.	6	5	17	9	49	26	31	6	42	12
13	21	13	28	25	5	1	16	5	23	9	41	27	0	7	58	13
14	22	14	0	8♈	16	2	21	5	29	9	34	27	28	9	13	14
15	23	14	33	21	14	3	18	5	35	9	26	27	56	10	28	15
16	24	15	8	4♉	1	4	4	5	40	9	18	28	23	11	44	16
17	25	15	44	16	36	4	37	5	46	9	11	28	51	12	59	17
18	26	16	21	29	2	5	56	5	52	9	3	29	18	14	14	18
19	27	16	59	11♊	17	5	1	5	58	8	56	29	45	15	30	19
20	28	17	40	23	22	4	53	6	3	8	49	0♍	12	16	45	19
21	29	18	22	5♋	20	4	31	6	9	8	41	0	38	18	0	20
22	♐	19	5	17	12	3	58	6	15	8	34	1	4	19	16	20
23	1	19	50	29	2	3	15	6	20	8	27	1	30	20	32	21
24	2	20	36	10♌	53	2	23	6	25	8	20	1	55	21	46	21
25	3	21	22	22	49	1	25	6	30	8	13	2	21	23	2	21
26	4	22	11	4♍	56	0	22	6	35	8	7	2	46	24	17	21R
27	5	23	2	17	18	0N.	44	6	40	8	0	3	10	25	33	21
28	6	23	53	0♎	2	1	49	6	45	7	54	3	35	26	48	20
29	7	24	46	13	10	2	50	6	50	7	48	3	59	28	4	20
30	8	25	40	26	48	3	44	6	54	7	42	4	23	29	19	19

Days	Jupiter rises.	Mars rises.	Venus rises.	Mercy. sets.	Dec. ☿ North.	Dec. ♃ North.	Dec. ♂ North.	Dec. ♀ South.	Dec. ♄ South.
1	4A. 52	11A. 39	5M 34	5A. 16	0 20	13 54	16 2	7 36	21 4
7	sets.	11 32	5 53	5 13	0 5	13 40	15 8	10 25	23 4
13	6M 38	11 24	6 12	5 11	0S. 8	13 26	14 17	13 2	25
19	6 4	11 15	6 30	5 8	0 20	13 12	13 29	15 29	25 2

December hath XXXI Days. White.

The Lunations.

New Moon the 3d Day, 52 Minutes after 1 in the Afternoon.
First Quarter the 10th Day, 21 Minutes past 5 in the Morning.
Full Moon the 17th Day, 16 Minutes after Midnight.
Last Quarter the 26th Day, 29 Minutes past 4 in the Morning.

M D.	Sundays & other remarks. Days.	Sun rises.	Sun sets.	Dec. ☉ South.	Dec. ☽ South.	Moon rises.	Moon South.	Clock aft. Sun
1		7 57	4 3	21 53	10 50	4M 47	10M 2	10 32
2		7 58	4 2	22 2	14 24	6 2	10 58	10 8
3		7 59	4 1	22 11	17 14	☽ sets.	11 55	9 44
B	2 S. in Advent.	8 0	4 0	22 19	18 36	5A.25	0A.58	9 19
5		8 0	4 0	22 27	18 51	6 28	2 0	8 54
6	Nicholas Bp.	8 1	3 59	22 34	17 44	7 37	3 0	8 28
7		8 2	3 58	22 41	15 29	8 52	3 59	8 2
8	Concep. B. V. M.	8 3	3 57	22 47	12 19	10 6	4 54	7 36
9		8 4	3 56	22 53	8 31	11 22	5 46	7 9
10		8 5	3 55	22 59	4 21	Morn.	6 34	6 42
B	3 S. in Advent.	8 5	3 55	23 4	0 5	0 33	7 21	6 14
12		8 6	3 54	23 8	4N. 4	1 43	8 8	5 46
13	Lucy V. & M.	8 6	3 54	23 12	8 0	2 51	8 54	5 18
14	Ember Week.	8 6	3 54	23 16	11 30	3 57	9 40	4 49
15		8 7	3 53	23 19	14 25	5 1	10 26	4 20
16	Camb. T. ends.	8 7	3 53	23 22	16 42	6 3	11 12	3 50
17	Oxf. T. ends.	8 7	3 53	23 24	18 12	7 1	11 59	3 20
B	4 S. in Advent.	8 8	3 52	23 26	18 55	☽ rises.	Morn.	2 50
19		8 8	3 52	23 27	18 46	5A.40	0 45	2 20
20		8 8	3 52	23 28	17 48	6 36	1 32	1 50
21	St. Thomas.	Shortest Day.		23 28	16 4	7 35	2 19	1 20
22		8 8	3 52	23 28	13 39	8 35	3 5	0 50
23		8 8	3 52	23 27	10 38	9 38	3 50	0 20
24		8 8	3 52	23 26	7 8	10 43	4 35	0 b.11
B	Christmas Day.	8 7	3 53	23 25	3 16	11 49	5 19	0 41
26	St. Stephen.	8 7	3 53	23 23	0 S.50	Morn.	6 3	1 11
27	St. John Evang.	8 7	3 53	23 20	5 2	0 57	6 49	1 41
28	Holy Innocents.	8 6	3 54	23 17	9 4	2 8	7 37	2 10
29		8 6	3 54	23 14	12 49	3 22	8 28	2 39
30		8 5	3 55	23 10	15 54	4 36	9 23	3 8
31	Silvester Bp.	8 4	3 56	23 5	18 1	5 51	10 22	3 37

Days	Day decreas.	Length of Day.	Helioc. Plac. ♄	Helioc. Plac. ♃	Helioc. Plac. ♂	Helioc. Plac. ⊖	Helioc. Plac. ♀	Helioc. Plac. ☿	Saturn rises.
1	8 28	8 6	1♎43	13♉35	27♋53	9♊27	18♏30	19♉18	2M 0
7	8 38	7 56	1 55	14 7	0♌35	15 32	28 4	26♊56	1 36
13	8 46	7 48	2 7	14 40	3 17	21 39	7♐36	3♌4	1 11
19	8 49	7 45	2 19	15 12	5 58	27 46	17 7	4♍10	0 46
25	0 inc. 2	7 46	2 31	15 44	8 38	3♑53	26 38	29 50	0 20

December, 1774.

Days	Day lig. begins.	Day lig. ends.	Durat. Twilig.	Node ☽ in ♏	Lat. ♄ North.	Lat. ♅ South.	Lat. ♂ North.	Lat. ♀ North.	Lat. ☿ North.
1	5 54	6 6	2 8	8 28	2 15	1 19	2 19	0 39	0 11
7	5 57	6 3	2 10	8 8	2 17	1 18	2 28	0 25	2 7
13	5 59	6 1	2 12	7 48	2 18	1 16	2 38	0 11	2 53
19	6 1	5 59	2 11	7 28	2 20	1 14	2 48	0 S. 4	2 37
25	6 1	5 50	2 11	7 7	2 22	1 12	2 58	0 18	1 56

Days	☉ d.	☉ m.	☉ s.	☽	☽ Lat.	♄	♅	♅ ℞	♂	♂	♀	☿	☿ ℞
1	9	26	35	10 ♏ 54	4N.29	6	59	7	36	4	46	0	35	18	18
2	10	27	31	25 28	4 53	7	4	7	30	5	9	1	50	17	9
3	11	28	27	10 ♐ 22	5 0	7	8	7	25	5	31	3	6	15	54
B	12	29	24	25 29	4 47	7	13	7	19	5	54	4	23	14	34
5	13	30	23	10♑36	4 13	7	18	7	14	6	16	5	37	13	12
6	14	31	23	25 33	3 23	7	22	7	9	6	38	6	53	11	48
7	15	32	24	10♒14	2 19	7	26	7	4	7	0	8	8	10	26
8	16	33	26	24 34	1 8	7	30	6	59	7	21	9	24	9	12
9	17	34	29	8♓29	0S. 5	7	34	6	54	7	41	10	39	8	7
10	18	35	33	22 4	1 16	7	38	6	50	8	2	11	55	7	12
B	19	36	37	5♈18	2 21	7	42	6	46	8	22	13	10	6	27
12	20	37	41	18 15	3 18	7	45	6	42	8	42	14	26	5	52
13	21	38	46	0♉59	4 4	7	49	6	39	9	1	15	41	5	28
14	22	39	52	13 31	4 37	7	53	6	35	9	20	16	57	5	17
15	23	40	59	25 50	4 56	7	56	6	31	9	38	18	13	5	14
16	24	42	6	8♊3	5 2	8	0	6	28	9	56	19	28	5	D.21
17	25	43	13	20 58	4 54	8	3	6	25	10	13	20	44	5	37
B	26	44	21	2♋5	4 33	8	6	6	22	10	30	21	59	6	1
19	27	45	30	13 58	4 0	8	9	6	20	10	47	23	15	6	33
20	28	46	39	25 47	3 17	8	12	6	17	11	3	24	30	7	12
21	29	47	49	7♌39	2 25	8	15	6	15	11	19	25	46	7	56
22	♑	48	58	19 29	1 27	8	18	6	13	11	34	27	1	8	45
23	1	50	8	1♍25	0 25	8	20	6	11	11	49	28	17	9	39
24	2	51	19	13 32	0N.40	8	23	6	10	12	3	29	32	10	37
B	3	52	30	25 52	1 44	8	26	6	9	12	16	0♑48		11	39
26	4	53	41	8♎32	2 45	8	28	6	8	12	29	2	3	12	44
27	5	54	52	21 35	3 39	8	31	6	7	12	41	3	19	13	52
28	6	56	3	5♏5	4 24	8	33	6	7	12	53	4	34	15	2
29	7	57	14	19 5	4 53	8	35	6	6	13	4	5	50	16	14
30	8	58	26	3♐35	5 5	8	37	6	6	13	15	7	5	17	28
31	9	59	38	18 29	4 58	8	39	6D.	6	13	25	8	21	18	44

Days	Jupiter sets.	Mars rises.	Venus rises.	Mercu. sets.	Dec. ♄ South.	Dec. ♅ North.	Dec. ♂ North.	Dec. ♀ South	Dec. ☿ South.
1	5M. 4	10A.51	7M 6	4A.33	D 43	12 49	11 57	19 41	22 50
7	4 35	10 37	7 20	rises.	0 50	12 40	11 12	21 29	19 58
13	4 7	10 22	7 36	6M28	D 58	12 34	10 37	22 32	18 24
19	3 39	10 5	7 48	6 9	1 9	12 29	10 16	23 22	18 52

Of the ECLIPSES this YEAR, 1774.

THERE will be but two Eclipſes, which will happen in the following Order:

The firſt Eclipſe is of the Sun, and will happen on Saturday the 12th Day of MARCH, near our Ten o'Clock in the Morning; but will be inviſible to us, and to all the Inhabitants of theſe Parts of the Earth.

Although at the Time of this Eclipſe, the Sun will have a conſiderable Altitude above our Horizon, yet the Moon's Parallax of Latitude, (which is always South in theſe Parts of the Globe) will depreſs her too low, to interpoſe between the Sun and us.

The ſecond Eclipſe is likewiſe of the Sun, and will happen on Tueſday the Sixth Day of SEPTEMBER, near our Two o'Clock in the Morning: Conſequently Inviſible to us and to all theſe Parts of the Globe. But will be Viſible and a large Eclipſe in the Eaſtern Parts of Aſia.

Days	JANUARY.
3	☌ ♄ ☽ 19h.
8	☽ in Perigeo.
10	☌ ☿ ☽ 4h.
10	♀ Elong. max. à ☉
	Vesp. 47° 8′ sets.
	4h. 24m. after him.
11	☌ ☉ ☽ 21h.
11	☿ Elong. max. à ☉
	Mat. 23° 44′, rises
	1h. 38m. before him.
12	☌ ♂ ☽ 1h.
15	☌ ♀ ☽ 11h.
17	☌ ♃ ☽ 2h.
19	☉ in ♒ 9h. 17m.
21	☌ ☉ ♂ 21h.
21	☿ in ♒.
22	☽ in Apogeo.
31	☿ in Aphelio.

Days	FEBRUARY.
5	☽ in Perigeo.
9	☌ ☿ ☽ 10h.
10	☌ ♂ ☽ 1h.
10	☌ ☉ ☽ 9h.
13	☌ ♀ ☽ 15h.
13	☌ ♃ ☽ 21h.
18	☉ ☌ ♓ oh. 14m.
18	☌ ♂ ☿ 19h.
19	☽ in Apogeo.
26	☌ ☉ ☿ 10h.
27	☌ ♄ ☽ 3h.

Days	MARCH.
4	☽ in Perigeo.
11	☌ ♂ ☽ 1h.
11	☌ ☉ ☽ 22h.
11	☿ in ♒
13	☌ ☿ ☽ 1h.
13	☌ ♀ ☽ 4h.
13	☌ ♃ ☽ 17h.

Days	MARCH.
13	☌ ♀ ☿ 21h.
16	☿ in Perihelio.
18	☽ in Apogeo.
19	☌ ♃ ☿ 4h.
20	☉ in ♈ oh. 44m.
22	☌ ☉ ♀ 22h.
24	☿ Elong. max. à ☉
	Vesp. 18° 40′ sets 1h.
	53m. after him.
26	☌ ♄ ☽ 8h.

Days	APRIL.
1	☽ in Perigeo.
1	☌ ♂ ♀ 15h.
8	☌ ♀ ☽ 13h.
9	☌ ♂ ☽ 2h.
10	☌ ☉ ☽ 12h.
10	☌ ♃ ☽ 14h.
10	☌ ☿ ☽ 15h.
10	☌ ♃ ☿ 21h.
11	☌ ☉ ☿ 6h.
11	☌ ☉ ♃ 17h.
15	☽ in Apogeo.
19	☿ in ♒
19	☉ in ♉ 13h. 35m.
22	☌ ♄ ☽ 15h.
25	☌ ♂ ☿ 5h.
29	☽ in Perigeo.
29	☿ in Aphelio.

Days	MAY.
6	☌ ♀ ☽ 9h.
7	☌ ☿ ☽ 20h.
8	☌ ♂ ☽ 3h.
8	☌ ♃ ☽ 9h.
9	☿ Elong. max. à ☉
	Mat. 25° 57′ rises
	33 min. before him.

Days	MAY.
10	☌ ☉ ☽ 3h.
12	☽ in Apogeo.
14	☌ ♃ ♂ 9h.
15	☌ ♃ ☿ 16.
16	☌ ♂ ☿ 17.
20	☌ ♄ ☽ oh.
20	☉ in ♊ 14h. 16m.
26	☽ in Perigeo.

Days	JUNE.
1	♀ Elong. max. à ☉
	Mat. 45° 48′, rises 1h.
	37 min. before him.
4	☌ ♀ ☽ 15h.
5	☌ ♃ ☽ 3h.
6	☌ ♂ ☽ 3h.
7	☿ in ♋
8	☌ ☿ ☽ 4h.
8	☌ ☉ ☽ 18h.
9	☽ in Apogeo.
12	☿ in Perihelio.
12	☌ ♃ ♀ 8h.
13	☌ ☉ ☿ 9h.
16	☌ ♄ ☽ 8h.
20	☉ in ♋ 23h. 1m.
25	☽ in Perigeo.

Days	JULY.
2	☌ ♃ ☽ 20h.
4	☌ ♀ ☽ 11h.
5	☌ ♂ ☽ 2h.
6	☽ in Apogeo.
8	☌ ☉ ☽ 9h.
10	☌ ☿ ☽ 15h.
13	☌ ♄ ☽ 17h.
16	☿ in ♌
20	☌ ♂ ♀ 18h.
20	☽ in Perigeo.
21	☿ Elong. max. à ☉
	Vesp. 27° 4′ sets. 1h.
	3m. after him.

Days	JULY.
22	☉ in ♌ 9h. 51m.
26	☿ in Aphelio.
30	☌ ♃ ☽ 10h.
Days	AUGUST.
3	☽ in Apogeo.
3	☌ ♂ ☽ 0h.
3	☌ ♀ ☽ 14h.
7	☌ ☉ ☽ 0h.
8	☌ ☿ ☽ 10h.
10	☌ ♄ ☽ 4h.
17	☽ in Perigeo.
18	☌ ☉ ☿ 5h.
22	☉ in ♍ 16h. 7m.
26	☌ ♃ ☽ 22h.
30	☽ in Apogeo.
31	☌ ♂ ☽ 22h.
Days	SEPTEMBER.
2	☌ ♀ ☽ 22h.
3	☿ in ♌
4	☿ Elong. max. à ☉ Mat. 17° 54′ rises 1h. 30m. before him.
4	☌ ☿ ☽ 1h.
5	☌ ☉ ☽ 14h.
6	☌ ♄ ☽ 16h.

Days	SEPTEMBER.
8	☿ in Perihelio.
13	☽ in Perigeo.
21	☌ ☉ ♄ 21h.
22	☉ in ♎ 12h. 28m.
23	☌ ♃ ☽ 6h.
25	☌ ♄ ☿ 19h.
27	☽ in Apogeo.
29	☌ ♂ ☽ 17h.
30	☌ ☉ ☿ 0h.
Days	OCTOBER.
3	☌ ♀ ☽ 3h.
4	☌ ♄ ☽ 7h.
5	☌ ☉ ☽ 3h.
5	☌ ☿ ☽ 10h.
11	☽ in Perigeo.
12	☿ in ♍
15	☌ ♄ ♀ 10h.
20	☌ ♃ ☽ 9h.
22	☿ in Aphelio.
22	☉ in ♏ 20h. 20m.
25	☽ in Apogeo.
28	☌ ♂ ☽ 9h.
31	☌ ♄ ☽ 22h.

Days	NOVEMBER.
2	☌ ♀ ☽ 10h.
3	☌ ☉ ☽ 15h.
5	☌ ☿ ☽ 2h.
7	☾ in Perigeo.
16	☿ Elong. max. à ☉ Vesp. 22° 10′ sets 41 min. after him.
16	☌ ♃ ☽ 10h.
21	☉ in ♐ 16h. 27m.
21	☽ in Apogeo.
25	☌ ♂ ☽ 20h.
28	☌ ♄ ☽ 12h.
30	☿ in ♍
Days	DECEMBER.
2	☌ ♀ ☽ 11.
3	☌ ☉ ☽ 2h.
3	☌ ☿ ☽ 9h.
4	☌ ☉ ☿ 21h.
5	☿ in Perihelio.
5	☽ in Perigeo.
7	☌ ♀ ☿ 22h.
13	☌ ♃ ☽ 11h.
19	☽ in Apogeo.
21	☉ in ♑ 4h. 47m.
23	☌ ♂ ☽ 21h.
24	☿ Elong. max. à ☉ Matt. 22° 14′ rises 1h. 58m. before him.
26	☌ ♄ ☽ 0h.
31	☌ ☿ ☽ 0h.

A Table of the Eclipſes of JUPITER's firſt Satelles, reduce
to correct or apparent Time, 1774. White.

JANUARY.			
Emerſions.			
d.	h.	m.	s.
2	9	33	40
4	4	1	48
5	22	29	58
7	16	58	11
9	11	26	26
11	5	54	43
13	0	23	0
14	18	51	22
16	13	19	44
18	7	48	7
20	2	16	33
21	20	45	3
23	15	13	36
25	9	42	12
27	4	10	49
28	22	39	28
30	17	8	8

FEBRUARY.			
Emerſions.			
1	11	36	50
3	6	5	35
5	0	34	23
6	19	3	14
8	13	32	9
10	8	1	6
12	2	30	5
13	20	59	5
15	15	28	6
17	9	57	9
19	4	26	15
20	22	55	23
22	17	24	33
24	11	53	45

FEBRUARY.			
Emerſions.			
26	6	22	59
28	0	52	15
4 near ☉			

MAY.			
Immerſions.			
22	3	32	34
23	22	1	6
25	16	29	35
27	10	58	1
29	5	26	24
30	23	54	46

JUNE.			
Immerſions.			
1	18	23	5
3	12	51	19
5	7	19	34
7	1	47	49
8	20	16	3
10	14	44	17
12	9	12	31
14	3	40	44
15	22	8	56
17	16	37	7
19	11	5	16
21	5	33	25
23	0	1	33
24	18	29	40
26	12	57	47
28	7	25	56
30	1	54	6

JULY.			
Immerſions.			
d.	h.	m.	s.
1	20	22	17
3	14	50	30
5	9	18	43
7	3	46	56
8	22	15	10
10	16	43	24
12	11	11	39
14	5	39	55
16	0	8	12
17	18	36	29
19	13	4	47
21	7	33	8
23	2	1	32
24	20	29	58
26	14	58	25
28	9	26	53
30	3	55	24
31	22	23	58

AUGUST.			
Immerſions.			
2	16	52	34
4	11	21	11
6	5	49	48
8	0	18	26
9	18	47	4
11	13	15	46
13	7	44	28
15	2	13	12
16	20	41	58
18	15	10	46
20	9	39	35
22	4	8	26
23	22	37	18

AUGUST.			
Immerſions.			
25	17	6	1
27	11	35	1
29	6	4	
31	0	33	

SEPTEMBER.			
Immerſions.			
1	19	2	
3	13	31	
5	8	0	1
7	2	29	1
8	20	58	1
10	15	27	1
12	9	56	1
14	4	25	2
15	22	54	2
17	17	23	2
19	11	52	3
21	6	21	3
23	0	50	4
24	19	19	4
26	13	48	4
28	8	17	5
30	2	46	5

OCTOBER.			
Immerſions.			
1	21	16	
3	15	45	
5	10	14	
7	4	43	
8	23	12	
10	17	41	
12	12	10	

A Table of the Eclipſes of JUPITER's firſt Satelles, reduced to correct or apparent Time, 1774. White.

OCTOBER. Immerſions.			
d.	h.	m.	s.
14	6	39	0
16	1	7	56
17	19	36	50
19	14	5	43
21	8	34	34
23	3	3	22
24	21	32	8
26	16	0	53
28	10	29	37
30	4	58	19
31	23	26	58

NOVEMBER Immerſions.			
d.	h.	m.	s.
2	17	55	34
Emerſions.			
4	14	31	59
6	9	0	31
8	3	29	4
9	21	57	34
11	16	26	1
13	10	54	26
15	5	22	49
16	23	51	9
18	18	19	28
20	12	47	45

NOVEMBER. Emerſions.			
d.	h.	m.	s.
22	7	16	1
24	1	44	15
25	20	12	27
27	14	40	37
29	9	8	45
DECEMBER. Emerſions.			
1	3	36	50
2	22	4	54
4	16	32	56
6	11	0	57

DECEMBER. Emerſions.			
d.	h.	m.	s.
8	5	28	58
9	23	56	59
11	18	24	59
13	12	52	59
15	7	20	57
17	1	48	54
18	20	16	51
20	14	44	48
22	9	12	45
24	3	40	43
25	22	8	42
27	16	36	42
29	11	4	42
31	5	32	42

The Times of the Eclipſes contained in this Table, are adapted to the Meridian of the ROYAL OBSERVATORY near LONDON, and afford an excellent Method to diſcover the Longitude or Difference of Meridians, between that and any other Place whatſoever; which I ſhall illuſtrate by an EXAMPLE:

Suppoſe on the 15th Day of December this Year, the Time of the Emerſion of Jupiter's firſt Satelles be obſerved (by a Teleſcope) in an unknown Meridian, to happen at 10 h. 15 min. 57 ſec. at night; I find by the Table, that the Time of this Emerſion will happen (at the Britiſh Obſervatory) at 7 h. 20 min. 57 ſec. the ſame Night: The Difference of the Times is 2 hours 55 min. which being converted into Degrees and Minutes of the Equator, will make 43 deg. 45 min. the Longitude of the Place of Obſervation to the Eaſt; becauſe the Time is more than that at the Britiſh Obſervatory.

A Table

A Table of the Times of High-Water at London-Bridge in the Morning and Afternoon of every Day in the Year 1774.

White.

Mo. Days	January. Morn. h.	m.	Aftern. h.	m.	Mo. Days	February. Morn. h.	m.	Aftern. h.	m.	Mo. Days	March. Morn. h.	m.	Aftern. h.	m.	Mo. Days	April. Morn. h.	m.	Aftern. h.	m.
1	4	9	4	16	1	4	43	5	1	1	3	52	4	9	1	5	3	5	27
B	4	32	4	50	2	5	20	5	44	2	4	26	4	46	2	5	50	6	21
3	5	8	5	25	3	6	8	6	36	3	5	7	5	30	B	6	53	7	25
4	5	50	6	14	4	7	4	7	30	4	5	54	6	25	4	7	58	8	34
5	6	39	7	7	5	8	9	8	46	5	6	52	7	22	5	9	11	9	46
6	7	35	8	8	B	9	24	10	2	B	7	58	8	35	6	10	21	10	57
7	8	41	9	17	7	10	41	11	19	7	9	12	9	50	7	11	27	11	56
8	9	53	10	36	8	11	57			8	10	25	11	4	8			0	25
B	11	6	11	43	9	0	25	1	2	9	11	40			9	0	51	1	16
10			0	20	10	1	31	2	0	10	0	11	0	42	B	1	40	2	3
11	0	53	1	26	11	2	25	2	50	11	1	10	1	38	11	2	25	2	47
12	1	57	2	29	12	3	7	3	24	12	2	3	2	29	12	3	3	3	19
13	2	51	3	12	F	3	39	3	54	B	2	47	3	5	13	3	34	3	48
14	3	29	3	47	14	4	10	4	26	14	3	20	3	35	14	4	3	4	18
15	4	3	4	19	15	4	44	5	2	15	3	49	4	3	15	4	36	4	55
B	4	38	4	57	16	5	21	5	39	16	4	21	4	39	16	5	14	5	33
17	5	15	5	33	17	6	2	6	25	17	4	56	5	14	B	5	56	6	18
18	5	56	6	18	18	6	49	7	13	18	5	35	5	56	18	6	44	7	9
19	6	42	7	6	19	7	41	8	9	19	6	20	6	44	19	7	37	8	5
20	7	33	7	59	B	8	40	9	11	B	7	10	7	36	20	8	37	9	8
21	8	27	8	54	21	9	43	10	15	21	8	6	8	36	21	9	40	10	14
22	9	27	9	50	22	10	46	11	18	22	9	9	9	42	22	10	43	11	15
B	10	22	10	55	23	11	47			23	10	13	10	44	23	11	45		
24	11	26	11	57	24	0	16	0	42	24	11	16	11	47	B	0	26	0	44
25			0	23	25	1	9	1	34	25			0	15	25	1	12	1	39
26	0	50	1	15	26	2	0	2	22	26	0	44	1	10	26	2	7	2	31
27	1	40	2	5	B	2	45	3	3	B	1	35	2	1	27	2	55	3	15
28	2	30	2	48	28	3	20	3	36	28	2	27	2	47	28	3	34	3	52
29	3	6	3	21						29	3	6	3	24	29	4	10	4	34
B	3	36	3	51						30	3	42	4	0	30	4	58	5	23
31	4	6	4	24						31	4	18	4	40					

This Table may serve the following Places, by adding,

	h.	m.
For Timmouth Haven, Hartle-pool, *and* Amsterdam	0	30
Breft — — — — — — — —	1	0
Scilly — — — — — — — —	1	45
Mount's Bay — — — — — — —	1	55
Bridlington Pier *and* Humber — — —	2	0

A Table of the Times of High-Water at LONDON-BRIDGE, in the Morning and Afternoon of every Day in the Year 1774.

White.

Mo. Days	MAY. Morn. h.	m.	Aftern. h.	m.	Mo. Days	JUNE. Morn. h.	m.	Aftern. h.	m.	Mo. Days	JULY. Morn. h.	m.	Aftern. h.	m.	Mo. Days	AUGUST. Morn. h.	m.	Aftern. h.	m.
B	5	47	6	17	1	7	21	7	51	1	7	34	8	2	1	8	44	9	14
2	6	46	7	16	2	8	21	8	51	2	8	31	9	2	2	9	43	10	15
3	7	46	8	20	3	9	21	9	51	B	9	33	10	3	3	10	48	11	19
4	8	54	9	22	4	10	21	10	51	4	10	32	11	1	4	11	50		
5	10	1	10	33	B	11	10	11	46	5	11	30	11	57	5	0	16	0	42
6	11	0	11	29	6			0	13	6			0	24	6	1	7	1	31
7	11	55			7	0	37	1	1	7	0	49	1	14	B	1	55	2	19
B	0	23	0	48	8	1	25	1	48	8	1	38	2	1	8	2	39	2	59
9	1	11	1	34	9	2	12	2	36	9	2	24	2	47	9	3	15	3	30
10	1	57	2	19	10	2	54	3	12	B	3	3	3	19	10	3	44	3	58
11	2	40	3	0	11	3	27	3	41	11	3	34	3	48	11	4	15	4	32
12	3	16	3	31	B	3	55	4	9	12	4	4	4	19	12	4	51	5	9
13	3	46	4	0	13	4	27	4	45	13	4	37	4	55	13	5	30	5	51
14	4	17	4	35	14	5	4	5	22	14	5	13	5	31	B	6	18	6	45
B	4	52	5	10	15	5	44	6	5	15	5	53	6	15	15	7	16	7	46
16	5	31	5	51	16	6	30	6	54	16	6	41	7	6	16	8	22	9	0
17	6	15	6	39	17	7	20	7	46	B	7	36	8	6	17	9	35	10	18
18	7	5	7	30	18	8	17	8	47	18	8	41	9	17	18	10	56	11	35
19	8	0	8	25	B	9	21	9	55	19	9	55	10	33	19			0	10
20	9	0	9	37	20	10	28	11	2	20	11	11	11	49	20	0	45	1	15
21	10	3	10	35	21	11	37			21			0	23	B	1	45	2	12
B	11	8	11	42	22	0	13	0	46	22	●	58	1	30	22	2	39	2	58
23			0	12	23	1	19	1	50	23	2	2	2	29	23	3	17	3	33
24	0	44	1	14	24	2	21	2	45	B	2	55	3	14	24	3	50	4	6
25	1	43	2	11	25	3	0	3	29	25	3	32	3	45	25	4	22	4	41
26	2	40	3	2	B	3	49	4	9	26	4	6	4	25	26	4	56	5	16
27	3	24	3	44	27	4	28	4	49	27	4	44	5	3	27	5	38	6	1
28	4	3	4	26	28	5	10	5	32	28	5	22	5	44	B	6	25	6	49
B	4	48	5	11	29	5	54	6	19	29	6	6	6	30	29	7	14	7	48
30	5	33	5	59	30	6	44	7	9	30	6	54	7	20	30	8	10	8	41
31	6	26	6	53						B	7	46	8	15	31	9	12	9	44

Adding,	h.	m.
For Fowey, Loo *and* Plymouth	3	10
Dartmouth, Harborough *and* Hull	3	30
Torbay *and* Tinmouth	3	40
Exmouth, Topsham *and* Lime	3	50
Weymouth	4	2
Bridgewater *and* Texel	4	40
Portland and Hartfleet	5	5

A Table of the Times of High-Water at LONDON-BRIDGE in the Morning and Afternoon of every Day in the Year 1774. White.

Mo. Days	SEPTEMBER. Morn. h.	m.	Aftern. h.	m.	Mo. Days	OCTOBER. Morn. h.	m.	Aftern. h.	m.	Mo. Days	NOVEMBER. Morn. h.	m.	Aftern. h.	m.	Mo. Days	DECEMBER. Morn. h.	m.	Aftern. h.	m.
1	10	15	10	45	1	10	46	11	17	1			0	8	1			0	22
2	11	15	11	44	B	11	47			2	0	35	1	2	2	0	52	1	22
3			0	15	3	0	14	0	41	3	1	28	1	54	3	1	51	2	20
B	0	39	1	5	4	1	6	1	31	4	2	20	2	47	B	2	45	3	9
5	1	29	1	52	5	1	56	2	21	5	3	7	3	26	5	3	20	3	49
6	2	17	2	41	6	2	42	3	2	B	3	44	4	2	6	4	10	4	30
7	2	58	3	15	7	3	19	3	36	7	4	24	4	45	7	4	53	5	16
8	3	31	3	46	8	3	53	4	10	8	5	1C	5	34	8	5	41	6	5
9	4	2	4	18	B	4	32	4	54	9	6	2	6	30	9	6	30	7	0
10	4	39	4	59	10	5	17	5	40	10	7	0	7	31	10	7	28	7	56
B	5	21	5	42	11	6	8	6	37	11	8	5	8	38	B	8	26	8	55
12	6	1C	6	37	12	7	10	7	42	12	9	11	9	45	12	9	28	10	0
13	7	1C	7	43	13	8	18	8	54	B	10	16	10	47	13	10	29	10	58
14	8	2C	8	57	14	9	3C	10	7	14	11	17	11	48	14	11	28	11	57
15	9	36	10	15	15	10	42	11	16	15			0	15	15			0	22
16	10	51	11	28	B	11	48			16	0	44	1	6	16	0	48	1	12
17			0	1	17	0	19	0	46	17	1	3C	1	54	17	1	36	2	0
B	0	34	1	2	18	1	12	1	37	18	2	18	2	38	B	2	24	2	42
19	1	3C	1	57	19	2	2	2	24	1C	2	57	3	13	19	3	0	3	1C
20	2	23	2	43	20	2	46	3	3	B	3	28	3	43	20	3	32	3	4C
21	3	2	3	18	21	3	19	3	34	21	3	58	4	14	21	4	0	4	17
22	3	34	3	49	22	3	49	4	5	22	4	30	4	49	22	4	34	4	51
23	4	4	4	22	B	4	20	4	39	23	5	7	5	27	23	5	8	5	27
24	4	4C	4	58	24	4	57	5	16	24	5	46	6	9	24	5	46	6	4
B	5	16	5	37	25	5	35	5	59	25	6	32	6	55	B	6	32	6	5
26	5	58	6	23	26	6	22	6	47	26	7	19	7	46	26	7	18	7	4
27	6	48	7	15	27	7	12	7	39	B	8	14	8	45	27	8	14	8	4
28	7	42	8	12	28	8	6	8	37	28	9	15	9	47	28	9	18	9	5
29	8	41	9	13	29	9	8	9	39	29	10	18	10	49	29	10	24	11	
30	9	45	10	15	B	10	9	10	39	30	11	2C	11	51	30	11	36		
					31	11	8	11	38						31	0	1C	0	4

Subtract.	h.	m.
For Leigh, Maes, *and* Gouries Gut	0	5
Gravesend, Rochester, *and* Rammekins	1	20
Buoy of the Nore *and* Flushing	1	30
Portsmouth, Ostend, Shoe-Becon, *and* Red-Sand	2	0
Harwich, Dover, Spithead, *and* Calais	3	0
Gunfleet, Hastings, Shoreham, Orfordness, *and* Diep	4	0
Yarmouth Pier *and* Needle	4	40
St. Helen's *and* Havre-de-Grace	5	30

A Table of the Sun's semi-diurnal Arches, or Times of his visible half Tarriance above the Horizon. White

The Sun's Declination North.

Deg.	Lat. 49		Lat. 50		Lat. 51		Lat. 52		Lat. 53		Lat. 54	
	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.
0	6	4	6	4	6	4	6	4	6	4	6	4
1	6	8	6	8	6	8	6	9	6	9	6	9
2	6	12	6	13	6	13	6	14	6	14	6	15
3	6	17	6	18	6	18	6	19	6	19	6	29
4	6	22	6	22	6	22	6	24	6	25	6	25
5	6	26	6	27	6	27	6	29	6	30	6	31
6	6	31	6	32	6	33	6	34	6	36	6	37
7	6	36	6	37	6	38	6	40	6	41	6	43
8	6	41	6	42	6	43	6	45	6	47	6	48
9	6	45	6	47	6	48	6	50	6	52	6	54
10	6	50	6	52	6	54	6	56	6	58	7	0
11	6	55	6	57	6	59	7	1	7	3	7	6
12	7	0	7	2	7	4	7	7	7	9	7	12
13	7	5	7	7	7	10	7	12	7	15	7	18
14	7	10	7	13	7	15	7	18	7	21	7	24
15	7	15	7	18	7	21	7	24	7	27	7	31
16	7	21	7	24	7	27	7	30	7	33	7	37
17	7	26	7	29	7	33	7	36	7	40	7	44
18	7	31	7	35	7	38	7	42	7	46	7	51
19	7	37	7	41	7	45	7	49	7	53	7	58
20	7	43	7	47	7	51	7	55	8	0	8	5
21	7	49	7	53	7	57	8	2	8	7	8	12
22	7	55	7	59	8	4	8	9	8	14	8	20
23	8	1	8	6	8	11	8	16	8	22	8	28
24	8	7	8	12	8	18	8	24	8	30	8	36

By these Tables the Times of the Sun's Rising and Setting may be found, in any Part of the Kingdom of *Great-Britain* or *Ireland*, after the following Manner: Where the Latitude of the Place is known, take the Sun's Declination out of the Table, on the Noon of the Day you desire to know the Time of his Rising and Setting; and with it, according as it is either North or South, enter these Tables in the Left-

A Table of the Sun's semi-diurnal Arches, or Times of his visible half Tarriance above the Horizon. White.

The Sun's Declination South.												
Degr.	Lat. 49		Lat. 50		Lat. 51		Lat. 52		Lat. 53		Lat. 54	
	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.
0	6	4	6	4	6	4	6	4	6	4	6	4
1	5	59	5	59	5	58	5	58	5	58	5	58
2	5	54	5	54	5	53	5	53	5	53	5	53
3	5	49	5	49	5	49	5	48	5	48	5	47
4	5	45	5	44	5	44	5	43	5	42	5	42
5	5	40	5	39	5	39	5	38	5	37	5	36
6	5	35	5	35	5	34	5	33	5	31	5	30
7	5	31	5	30	5	29	5	27	5	26	5	25
8	5	26	5	25	5	23	5	22	5	21	5	19
9	5	21	5	20	5	18	5	17	5	16	5	13
10	5	17	5	15	5	13	5	11	5	10	5	8
11	5	12	5	10	5	8	5	6	5	4	5	2
12	5	7	5	5	5	3	5	0	4	58	4	56
13	5	2	5	0	4	57	4	55	4	52	4	50
14	4	57	4	54	4	52	4	49	4	47	4	44
15	4	52	4	49	4	46	4	44	4	41	4	37
16	4	46	4	45	4	41	4	38	4	34	4	31
17	4	41	4	38	4	35	4	32	4	28	4	23
18	4	36	4	33	4	29	4	26	4	22	4	18
19	4	30	4	27	4	23	4	19	4	15	4	11
20	4	25	4	21	4	17	4	13	4	9	4	4
21	4	19	4	15	4	11	4	6	4	2	3	57
22	4	13	4	9	4	4	4	0	3	55	3	50
23	4	7	4	2	3	58	3	53	3	47	3	42
24	4	1	3	56	3	51	3	46	3	40	3	34

Left-hand Column, under the Word Degrees; then look the Latitude of the Place in the Top of the Table; and in that Column, against the Sun's Declination, will be found the Time of his visible half Tarriance above the Horizon, or Time of his Setting, correct by Refraction; then subtract the Time of his Setting from 12 Hours, the Remainder will be the Time of his Rising; double the Time of his Setting, the

A Table of the Sun's semi-diurnal Arches, or Times of his visible half Tarriance above the Horizon. White.

The Sun's Declination North.

Degr.	Lat. 55		Lat. 56		Lat. 57		Lat. 58		Lat. 59		Lat. 60	
	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.
0	6	4	6	4	6	4	6	4	6	4	6	4
1	6	9	6	10	6	10	6	10	6	11	6	11
2	6	15	6	16	6	16	6	17	6	17	6	18
3	6	21	6	22	6	22	6	23	6	24	6	25
4	6	27	6	28	6	29	6	30	6	31	6	32
5	6	32	6	34	6	35	6	36	6	38	6	39
6	6	38	6	40	6	41	6	43	6	44	6	46
7	6	44	6	46	6	48	6	49	6	51	6	53
8	6	50	6	52	6	54	6	56	6	58	7	1
9	6	56	6	58	7	1	7	3	7	5	7	8
10	7	2	7	5	7	7	7	10	7	13	7	16
11	7	8	7	10	7	14	7	17	7	20	7	23
12	7	15	7	18	7	21	7	24	7	27	7	31
13	7	21	7	24	7	28	7	31	7	35	7	39
14	7	28	7	31	7	35	7	39	7	43	7	47
15	7	34	7	39	7	42	7	46	7	51	7	56
16	7	41	7	45	7	49	7	54	7	59	8	4
17	7	48	7	52	7	57	8	1	8	7	8	13
18	7	55	8	0	8	5	8	10	8	16	8	22
19	8	2	8	7	8	13	8	19	8	25	8	32
20	8	10	8	15	8	21	8	28	8	35	8	42
21	8	18	8	24	8	30	8	37	8	45	8	53
22	8	26	8	32	8	39	8	47	8	55	9	4
23	8	34	8	41	8	49	8	57	9	6	9	16
24	8	43	8	51	8	59	9	8	9	18	9	29

the Sum will be the Length of the Day; and double the Time of his Rising, the Sum will be the Length of the Night. But if the Latitude of the Place, and Declination of the Sun, consist of Degrees and Minutes, then a small Allowance must be made for the Minutes in both Cases, which may be done by a Person of an ordinary Capacity by a mental Proportion only. Thus, to find the Time of the Sun's Rising and Setting at

A Table of the Sun's semi-diurnal Arches, or Times of his visible half Tarriance above the Horizon. White.

The Sun's Declination South.

Degr.	Lat. 55		Lat. 56		Lat. 57		Lat. 58		Lat. 59		Lat. 60	
	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.
0	6	4	6	4	6	4	6	4	6	4	6	4
1	5	58	5	58	5	58	5	58	5	57	5	57
2	5	52	5	52	5	52	5	51	5	51	5	50
3	5	47	5	46	5	45	5	45	5	44	5	43
4	5	41	5	40	5	39	5	38	5	37	5	36
5	5	35	5	34	5	33	5	32	5	31	5	29
6	5	29	5	28	5	27	5	25	5	24	5	22
7	5	23	5	22	5	20	5	19	5	17	5	15
8	5	17	5	16	5	14	5	12	5	10	5	8
9	5	12	5	10	5	8	5	5	5	3	5	2
10	5	5	5	3	5	1	4	59	4	56	4	53
11	4	59	4	57	4	54	4	52	4	49	4	46
12	4	53	4	51	4	48	4	45	4	42	4	38
13	4	47	4	44	4	41	4	38	4	34	4	30
14	4	41	4	37	4	34	4	30	4	27	4	23
15	4	34	4	31	4	27	4	23	4	19	4	14
16	4	27	4	24	4	20	4	15	4	11	4	6
17	4	21	4	17	4	12	4	8	4	3	3	57
18	4	14	4	9	4	5	4	0	3	54	3	48
19	4	7	4	2	3	56	3	51	3	45	3	39
20	3	59	3	54	3	49	3	43	3	36	3	29
21	3	52	3	46	3	40	3	34	3	27	3	19
22	3	44	3	38	3	31	3	24	3	17	3	9
23	3	36	3	29	3	23	3	15	3	6	2	57
24	3	27	3	20	3	13	3	5	2	55	2	45

at Aberdeen in Scotland, on the Longeſt Day, the Latitude of that Place is accounted 57 Degr. 7 Min. North, and the Sun's Declination 23 Deg. 29 Min. likewiſe North. By theſe you will find by the Table, that 4 Min. for the Sun's Declination, and 1 Min. for the Latitude of the Place, are both, to be added to 8 Hours 50 Min. the Time belonging to 57 Degr. of Latitude and 23 Degr. of North Declination, and the Sum will be 8 Hours 55 Min. the Time of his apparent Setting at Aberdeen, on the longeſt Day; whoſe Compliment to 12 Hours, viz. 3 Hours 5 Min. will be the Time of his Riſing, &c.

A TABLE of the right Aſcenſions in Time, Semidiurnal Arches, Declinations, and Magnitudes of 30 remarkable fixed Stars, with their Names, and BAYER's Literal References, as they ſtand in Mr. FLAMSTEED's Catalogue. Exactly rectified to the Beginning of the Year 1772.

The NAMES of STARS.	Bay. Cl.	R. Aſcen. h. m. ſ.	Semidiur. Arches. h. m. s.	Declination. d. m. s.	Magn.
The Southern Star, in Andromeda's Girdle, Mirach.	β	0 56 39	10 6 20	34 12 35 N	2
The bright one in her left Foot, Alamack.	γ	1 49 54	ſets not.	41 12 17 N	2 3
The unformed Star above the Ram's Head.	ω	1 54 10	8 9 13	22 21 24 N	2
In the Head of Meduſa, Algol.	β	2 53 12	ſets not.	40 2 37 N	2 3
In Perſeus's right Side, Alganib.	α	3 7 56	ſets not.	49 1 24 N	2 3
The Middle and brighteſt of the 7 Stars.	ν	3 33 50	8 16 26	43 22 15 N	3
The Bull's South Eye, Aldebaran.	α	4 22 43	7 28 44	16 1 38 N	1
In the left Shoulder of Auriga, Capella.	α	4 59 40	ſets not.	45 45 37 N	1
The left Foot of Orion, Rigel.	β	5 3 28	5 20 27	8 29 5 S	1
The middle Star in his Girdle.	ε	5 24 30	5 56 45	1 22 7 S	2
In his right Shoulder, Betelgeuſe.	α	5 42 42	6 41 2	7 20 58 N	1
In the great Dog's Mouth, Sirius.	α	6 35 3	4 37 28	16 28 39 S	1
In the Head of the 1ſt Twin, Caſtor and Pollux.	α	7 29 55	9 38 52	32 23 3 N	1
In the leſſer Dog's Thigh, Procyon.	α	7 27 16	6 33 12	5 49 47 N	1 2
In the Head of the 2d Twin, Pollux or Hercules.	β	7 31 14	8 58 42	28 34 38 N	2
Hydra's Heart, Alphard.	α	9 10 13	5 24 47	7 39 35 S	2
The Lion's Heart, Regulus.	α	9 56 8	7 11 54	13 5 25 N	1
In the Extremity of his Tail, Deneb.	β	11 37 23	7 27 48	15 51 52 N	1 2
In the Virgin's right Wing, Vindemiatrix.	ε	12 50 45	7 7 1	12 12 5 N	3
In her left Hand, Ariſta.	α	13 13 6	5 12 50	9 56 46 S	1
Between the Thighs of Bootes, Arcturus.	α	14 5 12	7 56 13	20 26 35 N	0
In the Southern Scale of Libra.	α	14 38 13	4 44 50	15 4 2 S	2
In the Northern Scale of Libra.	β	15 4 41	5 10 16	8 31 10 S	2
The Bright Star in the Northern Crown.	α	15 24 58	8 49 3	27 30 3 N	2 3
The Scorpion's Heart, Antares.	α	16 15 20	3 34 18	25 53 59 S	1
In the Head of Sagittarius.	α	17 24 12	7 9 56	22 44 10 N	2
Bright Star in the Haro Lyra.	α	18 29 7	ſets not.	38 34 14 N	1
Bright Star in the Eagle, Atair.	α	19 39 26	6 45 47	8 15 23 N	1 2
In the Mouth of the Southern Fiſh, Egmalhant.	α	22 44 47	2 51 37	30 50 27 S	2 1
[illegible]g of Pegaſus, Markab.	α	20 53 15	7 16 43	31 56 51 N	2

A TABLE of the SUN's right Aſcenſion in Time, exactly calculated according to the greateſt Obliquity of the Ecliptic 23 Deg. 29 Min.

Deg.	♈	♉	♊	♋	♌	♍
	h. m. s.	h. m. s.	h. m. s.	h. m. s.	h. m. s.	h. m. s.
0	0 0 0	1 51 37	3 51 14	6 0 0	8 8 46	10 8 23
1	0 3 40	1 55 26	3 55 25	6 4 22	8 12 55	10 12 12
2	0 7 20	1 59 16	3 59 35	6 8 43	8 17 4	10 16 1
3	0 11 0	2 3 7	4 3 47	6 13 5	8 21 12	10 19 49
4	0 14 41	2 6 58	4 7 59	6 17 26	8 25 20	10 23 36
5	0 18 21	2 10 50	4 12 12	6 21 48	8 29 26	10 27 23
6	0 22 2	2 14 43	4 16 25	6 26 9	8 33 32	10 31 9
7	0 25 42	2 18 36	4 20 40	6 30 30	8 37 38	10 34 55
8	0 29 23	2 22 30	4 24 54	6 34 51	8 41 42	10 38 40
9	0 33 4	2 26 24	4 29 9	6 39 11	8 45 46	10 42 25
10	0 36 45	2 30 20	4 33 25	6 43 32	8 49 49	10 46 10
11	0 40 26	2 34 16	4 37 41	6 47 52	8 53 52	10 49 54
12	0 44 8	2 38 12	4 41 58	6 52 12	8 57 53	10 53 37
13	0 47 49	2 42 9	4 46 16	6 56 31	9 1 54	10 57 21
14	0 51 31	2 46 8	4 50 33	7 0 50	9 5 54	11 1 4
15	0 55 24	2 50 6	4 54 51	7 5 9	9 9 54	11 4 46
16	0 58 56	2 54 6	4 59 10	7 9 27	9 13 52	11 8 29
17	1 2 39	2 58 6	5 3 29	7 13 44	9 17 51	11 12 11
18	1 6 23	3 2 7	5 7 48	7 18 2	9 21 48	11 15 52
19	1 10 6	3 6 8	5 12 8	7 22 19	9 25 44	11 19 34
20	1 13 50	3 10 11	5 16 28	7 26 35	9 29 40	11 23 15
21	1 17 35	3 14 14	5 20 49	7 30 51	9 33 36	11 26 56
22	1 21 20	3 18 18	5 25 9	7 35 6	9 37 30	11 30 37
23	1 25 5	3 22 22	5 29 30	7 39 20	9 41 24	11 34 18
24	1 28 51	3 26 28	5 33 51	7 43 35	9 45 17	11 37 58
25	1 32 37	3 30 34	5 38 12	7 47 48	9 49 10	11 41 39
26	1 36 24	3 34 40	5 42 34	7 52 1	9 53 2	11 45 19
27	1 40 11	3 38 48	5 46 55	7 56 13	9 56 53	11 49 0
28	1 43 59	3 42 56	5 51 17	8 0 25	10 0 44	11 52 40
29	1 47 48	3 47 5	5 55 38	8 4 35	10 4 34	11 56 20
30	1 51 37	3 51 14	6 0 0	8 8 46	10 8 23	12 0 0

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A TABLE of the SUN's right Aſcenſion in Time, exactly calculated according to the greateſt Obliquity of the Ecliptic 23 Deg. 29 Min.

Deg.	♎			♏			♐			♑			♒			♓		
	h.	m.	s.	h.	m.	s.	h.	m.	s.	h.	m.	s.	h.	m.	s.	h.	m.	s.
0	12	0	0	13	51	37	15	51	14	18	0	0	20	8	46	22	8	23
1	12	3	40	13	55	26	15	55	25	18	4	22	20	12	55	22	12	12
2	12	7	20	13	59	16	15	59	35	18	8	43	20	17	4	22	16	1
3	12	11	0	14	3	17	16	3	47	18	13	5	20	21	12	22	19	49
4	12	14	41	14	6	58	16	7	59	18	17	26	20	25	20	22	23	36
5	12	18	21	14	10	50	16	12	12	18	21	48	20	29	26	22	27	23
6	12	22	2	14	14	43	16	16	25	18	26	9	20	33	32	22	31	9
7	12	25	42	14	18	36	16	20	40	18	30	30	20	37	38	22	34	55
8	12	20	23	14	22	30	16	24	54	18	34	51	20	41	42	22	38	40
9	12	33	4	14	26	24	16	29	9	18	39	11	20	45	46	22	42	25
10	12	36	45	14	30	20	16	33	25	18	43	32	20	49	49	22	46	10
11	12	40	26	14	34	16	16	37	41	18	47	52	20	53	52	22	49	54
12	12	44	8	14	38	12	16	41	58	18	52	12	20	57	53	22	53	37
13	12	47	49	14	42	9	16	46	16	18	56	31	21	1	54	22	57	21
14	12	51	31	14	46	8	16	50	33	19	0	50	21	5	54	23	1	4
15	12	55	14	14	50	6	16	54	51	19	5	9	21	9	54	23	4	46
16	12	58	56	14	54	6	16	59	10	19	9	27	21	13	52	23	8	29
17	13	2	39	14	58	6	17	3	29	19	13	44	21	17	51	23	12	11
18	13	6	23	15	2	7	17	7	48	19	18	2	21	21	48	23	15	52
19	13	10	6	15	6	8	17	12	8	19	22	19	21	25	44	23	19	34
20	13	13	50	15	10	11	17	16	28	19	26	35	21	29	40	23	23	15
21	13	17	35	15	14	14	17	20	49	19	30	51	21	33	36	23	26	56
22	13	21	20	15	18	18	17	25	9	19	35	6	21	37	30	23	30	37
23	13	25	5	15	22	22	17	29	30	19	39	20	21	41	24	23	34	18
24	13	28	51	15	26	28	17	33	51	19	43	35	21	45	17	23	37	58
25	13	32	37	15	30	34	17	38	12	19	47	48	21	49	10	23	41	39
26	13	36	24	15	34	40	17	42	34	19	52	1	21	53	2	23	45	19
27	13	40	11	15	38	48	17	46	55	19	56	13	21	56	53	23	49	0
28	13	43	59	15	42	56	17	51	17	20	0	25	22	0	44	23	52	40
29	13	47	48	15	47	5	17	55	38	20	4	35	22	4	34	23	56	20
30	13	51	37	15	51	14	18	0	0	20	8	46	22	8	23	24	0	0

The Uſe of the TABLE of the fixed STARS, and of the SUN's right Aſcenſion in Time.

THE Time of the Southing or Meridian Tranſits of the tabulated fixed Stars may be very exactly found after this Manner:

On the Noon of the Day, preceding the Night in which you deſire to know the Time of the Southing of any of theſe Stars, find by the EPHEMERIS the SUN's Place, and with it take out of the Table his right Aſcenſion in Time. This you may do to a Minute by Inſpection, which will be ſufficient for your preſent Purpoſe: Then from the right Aſcenſion of the Star, as it is placed in the Table, ſubtract the right Aſcenſion of the SUN, the Remainder will be the eſtimate Time of the Star's Southing, and will not differ from the true Time above two or three Minutes at fartheſt, which may be near enough for ordinary Uſes: But if Exactneſs is required, then reduce the SUN's Place to this eſtimate Time, and take out of the Table his right Aſcenſion in Hours, Minutes, and Seconds, and ſubtract it from that of the Star, the remaining Numbers will ſhew the true Time of the Star's Culmination or Southing. And if from the Time of the Star's Southing you ſubtract the ſemi-diurnal Arch belonging to it, the Remainder will be the Time of the Star's viſible Riſing; and being added to it, the Sum will be the Time of its viſible Setting.

EXAMPLE of ALDEBARAN, Jan. 9, 1774.

	h.	m.	s.
Place of the Sun at Noon — — — —	19	19	25
Right Aſcenſion of ALDEBARAN — — —	4	22	43
Right Aſcenſion of the Sun ſubtract — — —	19	24	6
Eſtimate Time of the Star's Southing — — —	8	58	37
Right Aſcenſion of the Sun at that Time ſubtract — —	19	25	44
True Time of the Star's Southing — — —	8	56	59
Semidiurnal Arch ſubtract and add — — —	7	28	44
True Time of the Star's Viſible Riſing Aftern. — —	1	28	15
True Time of the Star's viſible Setting — — —	16	25	43

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